



Mazoon College

Research Centre

Report

Academic Year

2018-2021

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RESEARCH IN MAZOOON COLLEGE

Mazoon College Research Centre is a platform for all faculties and students in Mazoon College where they can showcase their research findings in the diverse domains of Computing, Informatics, Business Administration, Economics, Psychology and English Language & Literature. It focuses on the early stages of research areas to improve the professional and the academic strength of students and faculties. It seeks to motivate, inspire and enable professional research activities.

Vision

To achieve excellence through research for all Mazoon College faculty members and students.

Mission

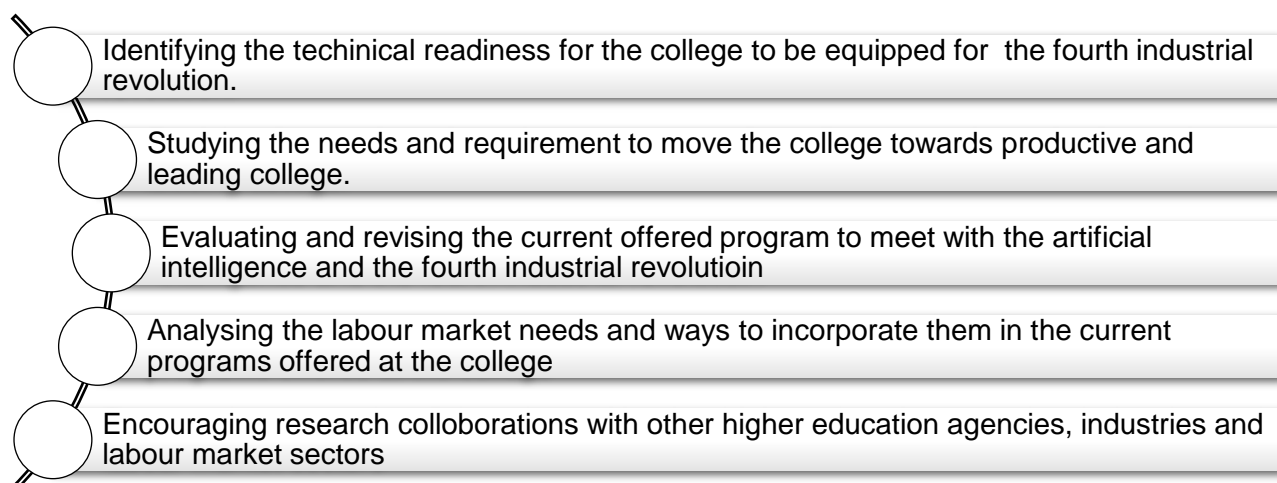
Bring world-class knowledge in research to all Mazoon College faculty members and students; to adhere to the policies and procedures of Mazoon College pertaining to research and to contribute substantially to the College, its faculties and students, and the wider community through facilitating extensive and productive research activities

Objectives

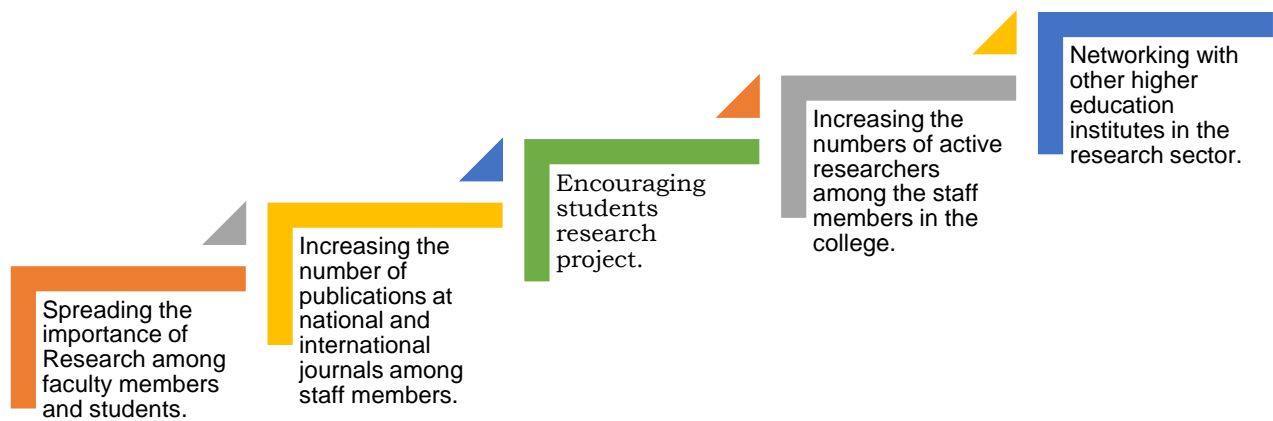
- To provide guidance for research activities conducted by students and faculty members.
- To provide support in terms of funding to faculties and students both internally and externally.
- To enhance the research culture among students and faculty members.
- To provide assistance on how to publish research articles in reputed journals.

General Research Direction

The following are the research directions Mazoon College aspires to be highlighted and utilized by its researchers.

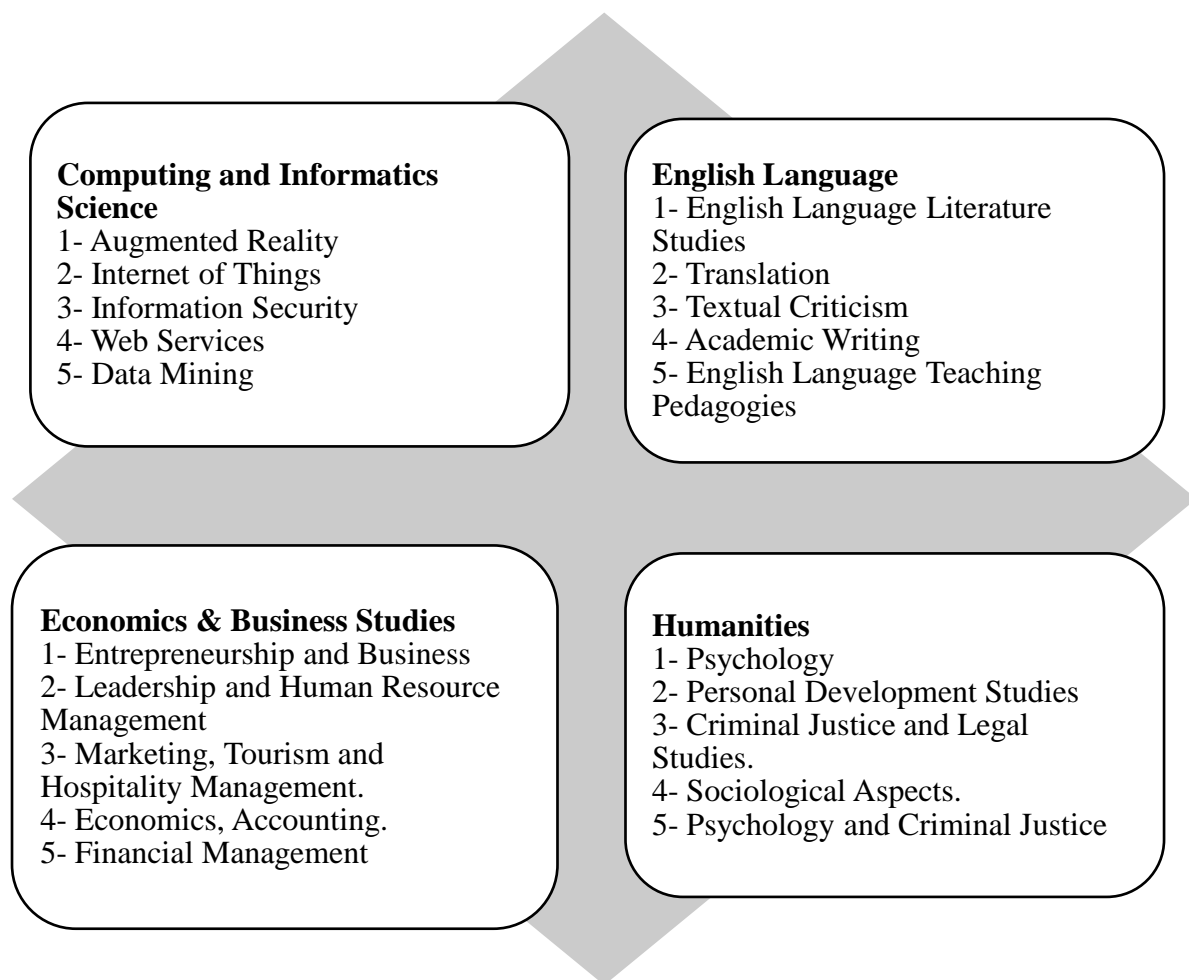


Future Directions for Research



Priorities for Research

The Research Management Plan specifies the priority areas for research aligned to the college's teaching strengths in Computing and Informatics Science, English Language Studies, and Economics & Business Studies.



College Research Committee

1. Head of the Research Center (Chair of the Committee)
2. Representative from Computing and informatics Department
3. Representative from Humanities
4. Representative from English Language Department
5. Representative from Economics and Business
6. Representative from General Foundation Department

Research Perspective Plan 2020 -2023

Mazoon College Strategic Plan, 2019-2023, articulated its vision as "to be a leading higher educational institution that concentrates on academic excellence, higher quality research and community services". In order to fully achieve this perspective vision, it has become increasingly important to build a strong research culture among its staff and students inspiring them to excel their innovative efforts in their field of expertise and the creation of new knowledge.

This Research direction is sought to establish a research culture within Mazoon College. It is designed to frame the stepping stone necessary for moving toward becoming a well-established research college, and building a strong research community through the enrolment of multi-disciplinary postgraduate programs. Therefore, this plan specifies the steps to achieve the strategic objectives.

The priority areas for research aligned to the College's teaching strengths are English Language Studies, Computing and Informatics Science and Economics and Business Studies. This will enable the College to achieve new levels of research leadership in these fields, both nationally and internationally. In developing its research priorities, the Research Plan of Mazoon College is aligned, to the best possible, with the Omani strategic teaching and research goals in Oman vision 2040 issued by The Education Council, and Mazoon College Strategic Plan 2019-2023.

Future directions for research at Mazoon College

1. Spreading the importance of Research among faculty members and students.
2. Increasing the number of publications at national and international journals among staff members
3. Encouraging students' research projects.
4. Increasing the numbers of active researchers among the staff members in the college.
5. Networking with other higher education institutes in the research sector.

General Research Direction

The following are the research directions Mazoon College intends to be highlighted and utilized by its researchers.

1. Identifying the technical readiness for the college to be equipped for the fourth industrial revolution.
2. Studying the needs and requirement to move the college towards becoming a productive and leading college.
3. Evaluating and revising the current offered program to meet with the artificial intelligence and the fourth industrial revolution demands.
4. Analyzing the labor market needs and ways to incorporate them in the current programs offered at the college.
5. Encouraging research collaborations with other higher education agencies, industries and labor market sectors.

Priorities for Research

It specifies the priority areas for research aligned to the college's teaching strengths in Computing and Informatics Science, English Language Studies, Economics and Business Studies and Humanities and Social studies.

Department	Research Priorities
<i>Computing and Informatics Science</i>	1. Augmented Reality 2. Internet of Things 3. Information Security 4. Web Services 5. Data Mining
English Language	1- English Language Literature Studies 2- Translation 3- Textual Criticism 4- Academic Writing 5- English Language Teaching Pedagogies
Economic and Business	1- Entrepreneurship and Business 2- Leadership and Human Resource Management 3- Marketing 4- Economics. 5- Financial Management.
Humanities	1- Psychology. 2- Personal Development studies 3- Criminal Justice and Legal studies 4- Sociological Aspects. 5- Psychology, and Criminal Justice.

Goals Targets and Strategies for Research Plan

This plan outlines goals, targets and strategies for Research Management Plan. There are five areas which are the focus of this Research Management Plan that include:

1. Measuring Research Performance
2. Funding for Research
3. Ensuring the ethical conduct of research
4. Professional Development for Research
5. Incorporating research findings into teaching practice.

Each area is aligned to the standard 4 requirements specified in the Oman Academic Accreditation Authority's OAAA Institutional Standards. These are internationally benchmarked criteria, and while it is necessary to meet these criteria for national accreditation as a higher education institution, they also specify how to achieve best practice in research.

Area	Goal	Target	Strategies
Measuring Research Performance	Develop and monitor a register of research publications of all staff and students at Mazoon College.	At least 4 publications in peer reviewed and internationally recognized journals by the beginning of 2020.	<ol style="list-style-type: none"> 1. Provide the staff with the research priorities to be addressed in their research activities 2. Encourage staff and students to publish in good index journals. 3. Provide staff with guidelines on list of accepted journals for their publications. 4. Archive research outputs by department wise publication by the end of every semester and publish on college website
Funding for Research	Provide internal and external research fund for research activities	Provide financial research fund from internal resources with 20.000 O.R. Provide financial research fund from external funder with 30.000 O.R.	<ol style="list-style-type: none"> 1. Develop guidelines for staff and students on types and procedures of research fund. 2. Apply for external funding for research from a range of national and international sources. 3. Vary the college research funding resources, with a new emphasis on public and private funders, including playing a role in Research council programs.
Ensuring the ethical conduct of research	Promote and embed the ethical conduct of research in all research activities.	Gain formal approval of Ethics Policy and Intellectual Property Policy by College Council. Conduct Ethical clearance meeting to approve Ethical request for staff and students	<ol style="list-style-type: none"> 1. Establish a research committee which approves and monitors appropriate ethical conduct of researchers. 2. Develop clear terms of reference for the conduct of the Ethics Sub-committee 3. Develop ethical clearance to be used by staff and students. 4. Develop a policy for Academic Integrity. 5. Provide the needed training for best ethical conduct of research.
Professional Development for Research	Provide professional research development opportunities for all staff interested in establishing/enhancing their research skills	Conduct four professional development workshops or presentations for MC staff and students to develop their research skills and expertise.	<ol style="list-style-type: none"> 1. Promote cross-disciplinary research, including encouraging outstanding cross-institutes research collaborations 2. Conduct a workshop on how to make use of Block Funding Program 3. Train staff on how to write a good research proposal and research methodologies 4. Update all staff with conference alerts and encourage them to take part in these conferences.
Incorporating research findings into teaching practice	Engage with contemporary trends and innovations in their field of teaching practice. – Increasing research- teaching nexus	All staff to be assessed at least annually for the incorporation of research findings into teaching practice during the annual peer review of teaching practice process.	<ol style="list-style-type: none"> 1. Encourage all academic staff to incorporate research findings through the conduct of original research related to their teaching field. 2. Study the developing needs of Omani students to introduce reforms to the exciting programs offered in the college. 3. Provide training on how to incorporate research findings into teaching practice. 4. Encourage all academic staff to remain current in contemporary pedagogies in their field into teaching practice in order to foster a strong desire amongst students to engage in future research opportunities

RESEARCH FUNDING

Internal Funding

College provides financial support to staff (academic and non-academic) to promote research culture among its staff. Continuous advice and support is available to staff (academic and non-academic) for publication and participation in research activities. Staff (academic and non-academic) are encouraged to share their research output or knowledge through workshops and seminars.

The Research Centre proposes the financial supports for research activities in MC by using the following financial supporting schemes:

Scheme related to publication of research paper in Journals

- Staff academic and non-academic who have published a paper in one of the recognized journals are eligible to receive research financial support. The amount of the research financial support should not exceed 200 Omani Riyals per year.
- The research financial support is allocated only for published articles with a proper acknowledgement to MC.

Scheme related to publication of Books and Chapters in books

- MC staff (academic and non-academic) engaged in publication of book(s) and chapter(s) in book(s) is entitled to receive financial support which should not exceed 200 Omani Riyals.
- The book or the chapter of the book must have ISSN with a minimum of 60 pages.
- The financial support is given only for a published book with the proper acknowledgement to MC.
- The financial support will be provided for the expenses incurred to publish including three copies of the book/chapters in the book (one copy to the department, one copy to the library and one copy to the author) and not the expenses incurred for the data collection and research components to develop the book / chapter content.

Scheme related to the presentation of research papers in Conference(s)/Symposium Based on the recommendation of the Research Centre, and the prior approval of the Dean the following is observed for the financial support to the presentation of research papers in conference(s)/Symposium(s):

- The College awards grants to its faculty members to support their attendances/participation at international conferences/seminars.
- Funding is to support attendance at conferences that are directly related to the applicant's field of research.

Scheme related to financially supported Projects

College encourages its staff academic and non-academic to engage in research work based on their area of specialization. Research and innovation enable them to update their knowledge and to be familiar with the latest development taking place in their field of study. On receiving financial support through financially supported projects from external sources, the staff academic and non-academic are given some relaxation in the teaching load. The relaxation is as follows:

- MC offers financial incentives for the research projects which are funded by external bodies and generate net income for the College. The researcher will get 35% of the net income generated by the project.

- Three credit hours will be reduced from the researcher for each externally funded project. However, the maximum reduction of teaching load should not exceed nine credit hours each semester.

External Funding: The Research Council (TRC)

Driving a diverse portfolio of world class research and innovation for Oman are core functions of TRC. TRC is responsible for capacity building and developing the national innovation ecosystem – prerequisites for advising the Sultanate’s work in this vital important area. TRC is responsible for the support and funding of a growing number of researchers. Working with and through, a variety of partners from ministries and universities to commerce and industry, TRC promotes research and innovation across the Sultanate and are active in knowledge transfer to the broader community. One of the funding schemes in TRC is the Block Funding Program.

The Block Funding Program (BFP) is a national research program adopted by The Research Council (TRC) in the Sultanate of Oman. This program allocates small-to-medium size research grants to support short-term and mid-term research projects in areas defined by researchers from academic and research institutions in Oman and serves the national research priority areas as well as TRC priority themes. The main goal of this program is to sustain and develop further excellence in research and to create a competitive economy through advanced and evidence –based research. To achieve this goal, TRC identifies three categories of grants namely,

- Research Grant (RG)
- Graduates Research Grant (GRG)
- Undergraduates Research Grant (URG)

Funded project Details

Call	Title of the project	Type of Grant and TRC Ref. No.	Researchers
2018	1. Does Value Co-Creation Reconcile the Relationship between Aliteracy and Students' Low Performances?	Research Grant BFP/RGP/EHR/18/116	Dr. Aisha Al Araiimi Dr. Sohel Ahmed
	2. Relationship between Foreign direct investment (FDI) and performance of manufacturing industry in sultanate of Oman	Research Grant BFP/RGP/EHR/18/123	Dr. Uvesh Husain Dr. Sarfaraz Javed
	3. An Analysis of the English as a Foreign Language Reading Needs of Omani University students	Research Grant BFP/RGP/EHR/18/103	Dr Said Al Saadi Dr. Rashid Al Azri
	4. Impact of Augmented Reality Assisted Language Learning on Students Academic Achievements at Tertiary Level in Sultanate of Oman	Research Grant BFP/RGP/EHR/18/108	Dr. Saleem Basha Dr. Mohamed Abbas
	5. The impact of Entrepreneurial Marketing on performance of firm: A study of SMEs in Service Sector of Oman	Research Grant BFP/RGP/CBS/18/115	Dr. Zaheer Ahmed Khan Dr. Sohel Ahmed
	6. The cross-country Interplay concerning Global and Domestic Brands: An emphasis on Value Co-Creations and Brand Loyalty	Research Grant BFP/RGP/CBS/18/117	Dr. Sohel Ahmed Dr. Aisha Al Araiimi
2019	1. English language need analysis of Omani University	Research Grant BFP/RGP/EHR/19/109	Dr Said Al Saadi Dr. Rashid AL Azri
	2. A study of oil revenue and economic growth of Sultanate of Oman	Research Grant BFP/RGP/CBS/19/076	Dr Sarfaraz Javed Dr. Uvesh Husain
	3. An Empirical Investigation of Psychosocial Factors and Academic Performance: Strategies for Probation Students at Mazoon College	Research Grant BFP/RGP/EHR/19/098	Dr Sheeba Khan Dr. Nelia Basmayor
	4. English Language Composition in Grammatical Errors Analysis at Tertiary Level in Oman	Graduate Research Grant BFP/GRG/EHR/19/009	Ms. Shouq Al Araiimi
2020	1. Perceived of cultural identity in the context of globalization: the case of the sultanate of Oman	Research Grant BFP/RGP/CBS/20/495	Dr. Anica Dragovic Dr. Said Al-Saadi
	2. Integration of Smart Power Consumption System with Fire Alarm Systems: New Approach to Big Buildings Safety in Oman	Research Grant BFP/RGP/ICT/20/152	Nasar, Mohammed Dr Mohamed Abbas
	3. Exploring Oral Communication in Learning English for Academic Purposes at Foundation Level in College Education	Graduate Research Grant BFP/GRG/EHR/20/071	Ms. Al Kharusi, Dhafra Dr. Said Al-Saadi
	4. English Language Speaking Obstacles Faced by Mazoon College Students	Undergraduate Research Grant BFP/URG/EHR/20/241	Ms. Safa Al Balushi Dr. Said Al-Saadi
	5. Research Writing Challenges Encountered By Undergraduate Students in Oman	Undergraduate Research Grant BFP/URG/EHR/20/236	Ms. Taif Al Busaidi Dr. Said Al-Saadi

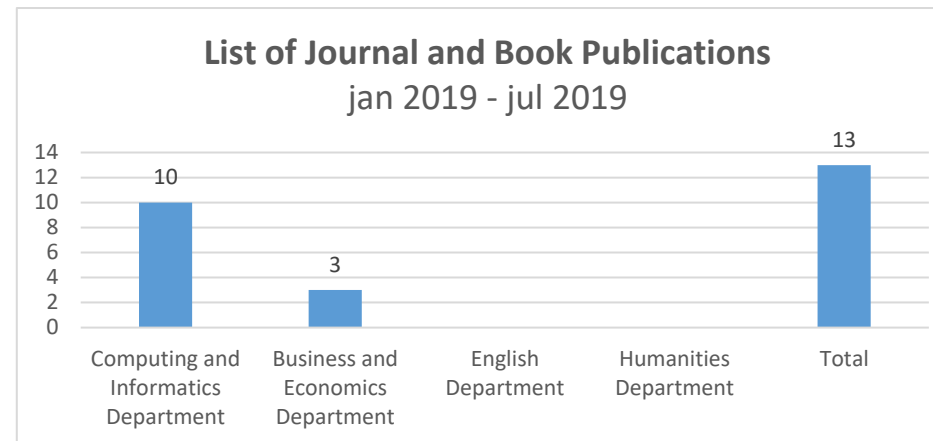
Faculty Members' Publications

Academic Year 2018-2019 (July 2018 – July 2019)

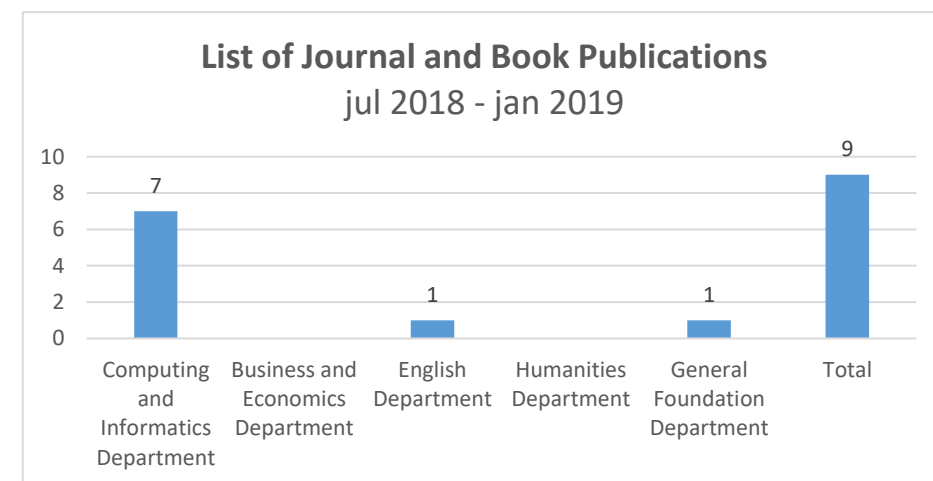
Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Conference / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year
1	Computing and Informatics	Mr.Salim Issa Al Balushi and Dr.Saleem Basha	Developing Queue-Less System and Integration with Web Services	Developing Queue-Less System and Integration with Web Services	-	-	-	July 2018
2	Computing and Informatics	Mr. Mohammad Arshad and Dr. Mohammed Ali Hussain	A Real Time LAN/WAN and Web attack prediction framework using hybrid machine learning model	International Journal of Engineering & Technology	7	3.12	1128-1136	July 2018
3	Computing and Informatics	Mr. Mohammad Arshad and Dr. Mohammed Ali Hussain	Automatic Vulnerability Attack detection and Prevention System for Web Security	International Journal of Pure and Applied Mathematics	120	6	9703-9721	July 2018
4	Computing and Informatics	Abdul Muqtadir and Dr.Syed Abdul Sattar	Network Security Based on Chaotic Maps based authentication in vanets	Journal of Applied science and Computations	5	12	280-292	December 2018
5	Computing and Informatics	Abdul Muqtadir and Dr.Syed Abdul Sattar	A Survey on secure routing protocols for VANET based on node trust	International Journal of Research and Analytical Reviews	5	4	915-920	December 2018
6	Computing and Informatics	Mr. Meble Varghese and Dr. M Victor Jose	Big Data and Cloud computing: Review and future trends	International Journal of Computer Sciences and Engineering,	6	12	361-365	December 2018
7	Computing and Informatics	Abdul Muqtadir and Dr.Syed Abdul Sattar	Secure Routing Protocol for VANET using Hashing with Session Key	"International Journal of Research				
8	General Foundation Department	Mr. Praveen Alluri	Enhancing English Language Teaching through Films in General Foundation Programs	Arab World English Journal (AWEJ)	Proceedings of 1st MEC TESOL Conference		146-154	August 2018
9	English	Dr.Sharmila Bhattacharjee	Reflections of Societal Pressure and Personal Trauma in Selected Poems of Emily Bronte'	International Journal of Advanced Research and Innovative Ideas in Education	5	1	85-91	Jan. 2019
10	Eco. And Bus. Stu. dept.	Dr. Owais Husain, Dr. Sarfaraz Javed	Stock price movement and Volatility in Muscat Security Market (MSM)	Granthaalayah' International Journal Of Research	Vol.7	2	68	February (2019)
11	Eco. And Bus. Stu. dept.	Dr. Sohel Ahmed	The shopping list in goal-directed shopping: Scale development and validation.	The Service Industries Journal. (ISI/Clarivate Analytics Impact factor 1.258), (DOI: 10.1080/02642069.2018.1532997) Taylor and Francis Publisher.	39 (2019)	5-6	319-342	October (2018)

Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Conference / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year
12	Eco. And Bus. Stu. dept.	Dr. Sohel Ahmed	Shopping Cue: Conceptualization, Scale Development, and Validation.	International Journal of Market Research. (ISI/Clarivate Analytics Impact factor 0.726 (2019) Sage Publisher.	In press	In press	In press	July (2019) Online published
13	Computing and Informatics	Mr. Kareemulla Shaik	A chaotic based integrity verification and encryption model for real-time VANET	Indonesian Journal of Electrical Engineering and Computer Science.	14	3	1425-1432	June 2019
14	Computing and Informatics	Mr. Meble Varghese	Assessment of Cloud Intrusion detection System: A survey	Journal of Advanced Research in Dynamical and Control Systems	11	3	1617-1635	May 2019
15	Computing and Informatics	Dr. Saleem Basha, Dr. A. Mohamed Abbas, Ms. Gazala Yusufi	AUGMENTED REALITY BASED EDUCATION FOR THE IMPROVEMENT OF SUSTAINABLE LEARNING ABILITY IN OMAN EDUCATIONAL SYSTEM	International Journal of Advanced Trends in Computer Science and Engineering	8	1.2	110-115	May 2019
16	Computing and Informatics	Dr. Saleem Basha, Dr. A. Mohamed Abbas, Ms. Gazala Yusufi	BIO-INSPIRED DEPENDABILITY ANALYSIS OF SECURITY IN SOFTWARE DEVELOPMENT LIFE CYCLE PROCESS	International Journal of Advanced Trends in Computer Science and Engineering	8	1.2	116-121	May 2019
17	Computing and Informatics	Dr. Saleem Basha, Dr. A. Mohamed Abbas	Minimum Energy Broadcasting Problem in Wireless Sensor Network: A Review	International Journal of Advanced Trends in Computer Science and Engineering	8	1	80 - 90	May 2019
18	Computing and Informatics	Dr. Saleem Basha	VSA - Vocal Based smart Phone Authentication System	International Journal of Engineering Research and Technology	12	6	726-735	June 2019
19	Computing and Informatics	Dr. Saleem Basha	OSSR-P: Ontological Service Searching and Ranking System for PaaS Services	International Journal of Advanced Trends in Computer Science and Engineering	8	2	271-276	April 2019
20	Computing and Informatics	Dr. M.S.Saleem Basha, Dr. A. Mohamed Abbas	Effect of Using Social Media on Behavior of Higher Education Students in Sultanate of Oman	International Journal of Engineering Research and Technology	12	3	419-433	June 2019
21	Computing and Informatics	Mr. Mohammad Arshad	An Efficient attack defensive models for web security	International Journal of Engineering and Advanced Technology	8	5	969-974	June 2019
22	Computing and Informatics	Mr. Abdul Muqtadir	Secure Routing Protocol for VANET using Hashing with Session Key	International Journal of Research	8	1	687-696	January-2019

Department	No.
Computing and Informatics Department	10
Business and Economics Department	3
English Department	-
Humanities Department	-
Total	13



Department	No.
Computing and Informatics Department	7
Business and Economics Department	-
English Department	1
Humanities Department	-
General Foundation Department	1
Total	9



Academic Year 2019-2020 (July 2019-July 2020)

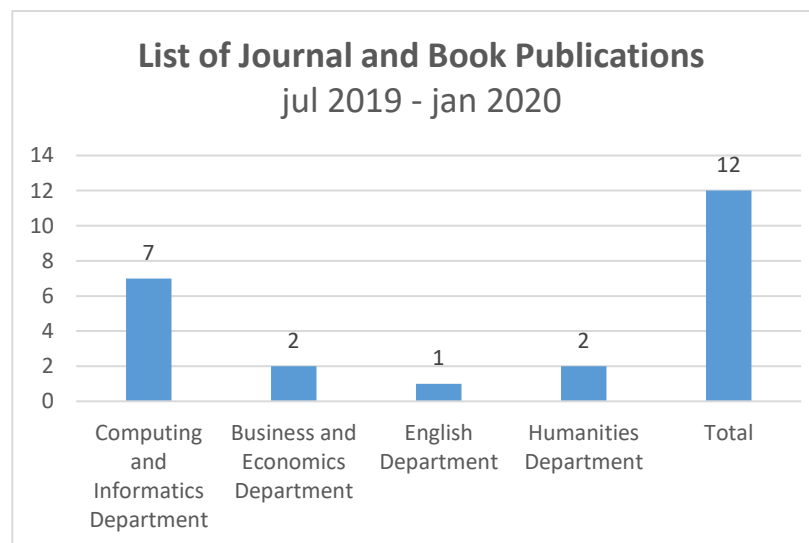
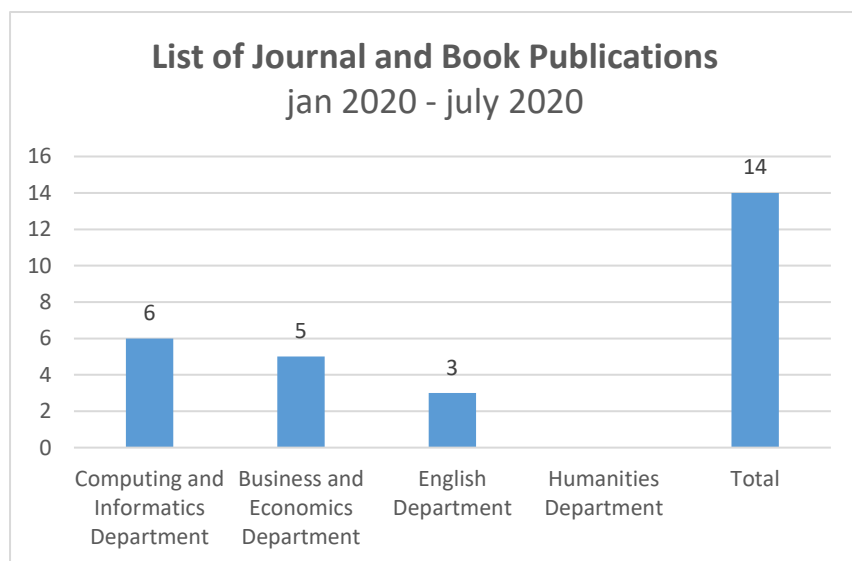
Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Conference / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year
1	Computing and Informatics	Saleem Basha, Mohamed Abbas, Khalfan Al Masruri, Said AL Saadi, Rashid Al Azri, Adnan, Gazala Yusufi	Impact of Augmented Reality Assisted Language Learning on Student Academic Achievements at Tertiary Level in Sultanate of Oman	Journal of Critical Reviews	7	17	2821 – 2828	June 2020
2	Computing and Informatics	Dr. Toukeer Khan and Sheeba Rizwi	Generalized Symmetric Metric Connection on Semi-invariant Submanifolds of a Nearly Sasakian Manifold	Journal of International Academy of Physical Sciences	24	2	129-148	June 2020
3	Computing and Informatics	Mohammad Arshad, Arshad Ahmad Khan Mohammad, Dr.Md.Ali Hussain	Impact of Bottleneck Intermediate Node on MANETs and WSNs	Test Engineering & Management	63	9	11111-11116	May 2020
4	Computing and Informatics	Saleem Basha, Mohamed Abbas, Khalfan Al Masruri, Said AL Saadi, Rashid Al Azri, Adnan, Gazala Yusufi	Augmented Reality Brings the Fifth Dimensional Experience in Educational System – An Intensive Breakdown	International Journal of Innovative Technology and Exploring Engineering	9	5	1911-1919	March 2020
5	Computing and Informatics	Amin Salih Mohammed, Saravana Balaji B, Saleem Basha M S, Asha PN, Venkatachalam K	FCO – Fuzzy constraints applied Cluster Optimization technique for Wireless AdHoc Networks	International Journal of Computer Communications	154	-	501-508	Feb 2020
6	Computing and Informatics	Mohammad Abu Kausar, Mohammad Nasar	SQL Versus NoSQL Databases to assess their appropriateness for Big Data Application.	Recent Advances in Computer Science and Communications (Bentham Science)	13	1		March-2020
7	Eco & Bus	Dr Zaheer, Faiza Amir	"Moderating Effect of Employee Engagement on the Relationship between Personality Traits and Team Performance: A Study of Employees in Private Colleges in Oman" in International Journal of Business and Management.	International Journal of Business and Management	15	3	67-79	2020
8	Eco & Bus	Dr Owais husain, Dr Sarfara Javed	Impact of Federal Funds Rate on Monthly Stocks Return of United States of America	International Journal of Business and Management	14	9	105-113	2020
9	Eco & Bus	Dr Owais Husain, Dr Sarfaraz Javed	Impact of Climate Change on agriculture and Indian Economy: A Quantitative Research perspective from 1980 to 2016	Industrial Engineering & Management	8	2	1-4	2020
10	Eco & Bus	Dr. Sohel Ahmed	Anticipated emotion in planned versus unplanned purchase: scale development and validation	The Service Industries Journal	39	5/6	1-20	2020
11	Eco & Bus	Dr. Owais Husain	IMPORTANCE OF TECHNOLOGICAL PREDICTORS TO DEVELOP CONTINUOUS INTENTIONS FOR E-TAX FILING:	International Journal of Management (IJM)	11	7	1289-1303	2020

Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Conference / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year
			MEDIATING-MODERATING ROLE OF BEHAVIORAL FACTORS					
12	English	Dr. Saleem Basha, Dr. Mohamed Abbas, Dr. Khalfan Al Masruri, Dr. Said Al Saadi, Dr. Rashid Al Azri, Mr. Syed Adnan and Ms. Ghazala Yusufi	The impact of Augmented Reality Assisted Language Learning on Students' Academic Achievements at Tertiary Level in Sultanate of Oman	Journal of Critical Review.	7	17	2821-2828	2020
13	English	Dr. Saleem Basha, Dr. Mohamed Abbas, Dr. Khalfan Al Masruri, Dr. Said Al Saadi, Dr. Rashid Al Azri, Mr. Syed Adnan and Ms. Ghazala Yusufi	Augmented Reality Brings the Fifth Dimensional Experience in Educational System – An Intensive Breakdown	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	9	5	1911-1919	2020
14	English	Daryoosh Hayati Dr. Rashid Al azri Syed Adnan Raza Abeer jaradaat and javarria Adnan	Dislocation and Identity in Patricia angle's Veins of the Ocean	Journal of Critical Review	9	20	---	2020
15	Computing and Informatics	Arshad Ahmad Khan Mohammad Abdul Muqtadir Anusha M	Efficient Intrusion Detection System to prevent the Packet Dropping nodes from Infrastructure Less Networks	International Journal of Recent Technology and Engineering	8	4	3975-3978	November 2019
16	Computing and Informatics	Toukeer Khan	On Non-invariant Hypersurfaces of a Nearly Kenmotsu Manifold	IOSR Journal of Mathematics (IOSR-JM)	15	6	30-34	November 2019
17	Computing and Informatics	Md. Nasar Md. Abu Kausar	Suitability Of Influxdb Database For IoT Applications	International Journal of Innovative Technology and Exploring Engineering	8	10	1850-1857	August 2019
18	Computing and Informatics	Md. Abu Kausar Md.Nasar Aiman Moyaid	Analysis of SQL Injection Detection and Prevention Techniques in ASP.NET Web Application	International Journal of Recent Technology and Engineering	8	3	7759-7766	September 2019
19	Computing and Informatics	Mohammad Arshad Md. Ali Hussain,	A Reliable Intrusion Detection System in Wide Area Networks against the assault of DDOS	International Journal of Innovative Technology and Exploring Engineering	8	10	1810-1817	August 2019
20	Computing and Informatics	Mr. Abdul Khaliq Ali Mohammed Al Shukaili Dr Mohammed Daiyan	Sentiment Analyzer For Shura Council Members	International Journal of Innovative Technology and Exploring Engineering	9	2	1352-1356	December 2019
21	Computing and Informatics	Ben George Ephrem Shabbeer Shaik Mohamed Abbas Saleem Basha	Resonance Image Enhancement using Hybrid Center Weighted Median Filter and Bacteria Foraging Optimization	International Journal of Recent Technology and Engineering	8	5	2740-2745	January 2020

Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Conference / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year
22	Humanities	Yasmeen Maqbool Sulaiman Al Shuhoom and Sheeba Khan	The Impact of Demographic Factors and Big Five Personality on Job Satisfaction	International Journal of Innovative Science and Research Technology	4	12	960-967	2019
23	Humanities	Chukalevska, D.M. Dragovic, A.	Profile of Global and the Local in Culture: The case of the Macedonian Society	<i>Balkan Social Science Review</i>	14	14	203-223	30, December 2019
24	Economics and Business Studies	Dr Owais husain, Dr Sarfaraz Javed	Impact of Federal Funds Rate on Monthly Stocks Return of United States of America	International Journal of Business and Management	14	9	105-113	2019
25	Economics and Business Studies	Dr Owais Husain, Dr Sarfaraz Javed	Impact of Climate Change on agriculture and Indian Economy: A Quantitative Research perspective from 1980 to 2016	International Journal of Industrial Engineering & Management	8	2	1-4	2019
26	English	Dr. Sharmila Bhattacharjee	Poem-Tears of a Woman	International Journal of Advanced Research and Innovative Ideas in Education	5	6	1277	December 2019

Department	No.
Computing and Informatics Department	6
Business and Economics Department	5
English Department	3
Humanities Department	-
Total	14

Department	No.
Computing and Informatics Department	7
Business and Economics Department	2
English Department	1
Humanities Department	2
Total	12



Faculty members' publications: Academic Year 2019-2020 (July 2020-July 2021)

Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year	ISSN /ISBN	Index details: Scopus, ISI, Elsevier, etc. (kindly give the citation not the database or the repository)
1	Computing & Informatics	R. Madhu Kanth, Ramgopal Musunuru, Mohammad Arshad, B.D.C.N. Prasad	Neuro-Fuzzy with Feature Extraction based Medical Disease Analysis	International Journal of Advanced Science and Technology	29	5	10647-10655	July 2020	2005-4238	Scopus
2	Computing & Informatics	Tahsin Zaman Khan, Mohammad Shahfaraz Khan, Abdullah Akhtar, Ataur Rahman Farooqi	Influence of Population, Inflation, Per capita Income on Economy of India	Journal of Critical Review	7	18	2020-2026	July 2020	2394-5125	Scopus
3	Computing & Informatics	M. S. Saleem Basha, Mohamed Yasin Noor Mohamed, P. Sujatha	System design of MEB in M-IWD model with Heuristic function on WSN"	Recent patents on engineering	14	4	26-56	September 2020	22124047	Scopus
4	Computing & Informatics	Muhammad Al-Abdullah, Izzat Alsmadi, Ruwaida Al-Abdullah, Bernie Farkas	Designing privacy-friendly data repositories: a framework for a block chain that follows the GDPR	Emerald Insight	22	5/6	389-411	November 2020	2398-5038	Scopus
5	Computing & Informatics	M. A. Muqtadir	Analysis of Black hole attacks in Network Security	Journal of Information and computational science	10	12	383-39	December 2020	1548-7741	-
6	Computing & Informatics	Gazala Yusufi, M.S. Saleem Basha	Reinforcing Skill Development in Students of Middle School Level Using Arduino With Respect to the Reformation of Indian Education System	Springer-Advances in Intelligent Systems and Computing	-	-	-	Article in press	2194-5357	Scopus

7	Computing & Informatics	Gazala Yusufi, M.S. Saleem Basha	Epicure's Food Experience with Augmented Reality: An Augmented Reality Application Developed for Restaurants Across Oman	Springer-Advances in Intelligent Systems and Computing	-	-	-	Article in press	2194-5357	Scopus
8	Computing & Informatics	Dr. Saleem Basha, Gazala Yusufi	Robotics: Arduino for Kids, Cradle to Circuit: Volume - I	Google Play Books	1	-	Book	2020	978-9354192517	
9	Computing & Informatics	Dr. Saleem Basha, Gazala Yusufi	Python Programming for Kids, Cradle to Programming: Volume – 1	Amazon and Amazon kindle, KDP	1		Book	2020	978-9354197956	
10	Economics & Business Studies Dept.	Dr. Uvesh Husain	CORPORATE INTERNAL CONTROLS AND PERFORMANCE: ROLE OF ACCOUNTING INFORMATION SYSTEM AND POLICY CONFLICT	JOURNAL OF CRITICAL REVIEWS	7	5	2410-2420	2020	2394-5125	Scopus
11	Economics & Business Studies Dept.	Dr. Uvesh Hussain	Importance of Technological Predictors to Develop Continuous Intentions for E-Tax Filing: Mediating-Moderating Role of Behavioral Factors	International Journal of Management (IJM)	11	7	1289-1303,	2020	Print: 0976-6502 & Online: 0976-6510	Scopus
12	Economics & Business Studies Dept.	Zaheer Ahmed Khan	Exploring the Mediating Effect of Responsive Market Orientation between the Relationship of Entrepreneurial Orientation and Firm Performance	International Journal of Engineering and Advanced Technology (IJEAT)	9	1	6766-6772	2020	2249 – 8958	Scopus
13	Economics & Business Studies Dept.	Dr. Uvesh Husain	An ARDL Investigation on the nexus of Oil Factors and Economic Growth: A Time Series Evidence from Sultanate of Oman	Cogent Economics and Finance	8	1	1-17	2020	1875564	Scopus
14	Economics And Business Studies Department / Humanities Department	Zaheer Ahmed Khan, Dr Sheeba Khan, Ms Ayesha Anjum, Ms Faiza Amir	The Mediating Effect of Self-Efficacy on Relationship Between Conscientiousness, Agreeableness and Contextual Performance: An Evidence from Higher	PSYCHOLOGY AND EDUCATION An Interdisciplinary Journal	57	7	451-455	2021	0033-3077	Scopus

			Educational Institutions from Oman.							
15	Economics And Business Studies Department	Dr. Uvesh Husain	A STUDY OF FOREIGN DIRECT INVESTMENT ON MANUFACTURING INDUSTRIES IN SULTANATE OF OMAN	<i>International Journal of Research - GRANTHAALAYAH</i>	9	3	1 to 9	March 2021	2350-0530	-
16	Economics And Business Studies Department	Dr. Uvesh Husain	Corporate CSR Practices and Corporate Performance: Managerial Implications for Sustainable development	Springer Nature, (Decision 2021)	48	1	153–164	19 March 2021	-	-
17	Economics And Business Studies Department	Faiza Amir, Dr. Sushmita Dey,	Research Paper - Pakistan and India Trade: Prospects and Challenges	Global Scientific Journals (GSJ)	9	2	840-853	Feb, 2021	2320-9186	-
18	Computing & Informatics Department	Mohammad A. Kausar, Mohammad Nasar	SQL Versus NoSQL Databases to Assess Their Appropriateness for Big Data Application	Recent Advances in Computer Science and Communications	14	4	1098-1108	2021	2666-2566	Scopus
19	Computing & Informatics Department	Mohammad Abu Kausar, Arockiasamy Soosaimanickam, Mohammad Nasar	Public Sentiment Analysis on Twitter Data during COVID-19 Outbreak	International Journal of Advanced Computer Science and Applications	12	2	415-422	2021	2156-5570	Scopus, Web of Science

Conferences Participated by Faculty Members: Paper Presented / Participated Details: 2018 - 2019

S.No.	Name of the Author(s)	Title of the Paper	Name of the Conference	Conference Type (International / National)	Organized by	Date	Presented / Participated
1	Dr. Rashid Al-Azri and Dr. Said A-Sadi and Syed Adnan Raza	An Analysis of the Cognitive Demands for Reading Tasks in the Omani Private Colleges EFL Reading Curriculum at Foundation and Academic Programs	International Conference on Interdisciplinary, Social Science, Business and Economics, Education and Technology, a conference presentation	International	ISBTEC Malaysia	13.06.2019	Presented
2	Daryoosh Hayati and Syed Adnan Reza	Dislocation and Alterity in Patricia Engel's Veins of the Ocean.	A Conference Presentation at IMRF Dubai Academic Chapter	International	IMRF, Dubai	26.04.2019	Presented
3	Dr. Bakhtiar Naghdipour	How Does a Student-initiated Feedback Policy Affect Students' Writing Accuracy	Oman 19th International ELT Conference	International	Sultan Qaboos University	11.04.2019	Presented
4	Dr. Kyle Lachini	Academic Reading Circle(ARC), an Innovative Strategy of Teaching Reading	Oman 19th International ELT Conference	International	Sultan Qaboos University	11.04.2019	Presented
5	Dr. Owais Husain	Role of Management Education in Entrepreneurship Deployment	3rd International Conference	International	Periyar University (NAAC "A" Grade) State University, India	28th January 2019.	Presented
6	Mohammad Arshad	A Novel MultiLevel Attack Detection and Prevention Model for Dynamic LAN/WLAN Networks	International Conference on Internet of Things (IoT) and Cyber Security (ICICS-2018)	International	KL University (Sponsored by Department of Science and Technology Government of India)	March 2018	Presented
7	Shamsher Khan	Allocation Problem with Fuzzy Sampling Cost in Stratified Sampling	International Conference on Operations Research and its Applications	International	Department of Mechanical and Industrial Engineering College of Engineering Sultan Qaboos University	April 2018	Presented
8	Nadia Khaliq	Block Chain Oman 2018	International Conference	International	BPOS Global	May 2018	Presented
9	Nadia Khaliq	Teaching and Learning Enhancement	International Conference	International	London Metropolitan University, UK	July 2018	Presented
10	Meble varghese	Assessment of Cloud Intrusion detection System: A survey	International Conference on science and Innovative Engineering 2019	International	Jawahar Engineering College,Bangalore,India	March 2019	Presented
11	Mohammad Arshad	An Efficient attack defensive models for Web Security	International Conference on Technological Emerging Challenges (ICTEC-2019)	International	Tirumala Engineering College, India	March 2019	Presented

Faculty International / National Conference - Paper Presented / Participated Details: 2019 to 2020

S.No.	Name of the Author(s)	Title of the Paper	Name of the Conference	Conference Type (International / National)	Organized by	Date	Presented / Participated
1	Dr. Anica Dragovic	Urban security in the context of demographic development and sustainability	International Academic Conference Urban Security Enhancing security in an urbanized World	International Academic	Organized by the Ss. Cyril and Methodius University in Skopje	4-6/Sept/2019 /Ohrid/ Republic of North Macedonia	Presented
2	Dr. Anica Dragovic	The Image of Social Exclusion in Macedonian Media	Sixth International Scientific Conference <i>"Social Changes in the Global World"</i>	International Academic	Goce Delchev University, Faculty of Law, Shtip, R.N.Macedonia	5-6/Sept/2019 /Shtip/ Republic of North Macedonia	Presented
3	Dr. Anica Dragovic	Global Migrant and religious affiliation	The first European Conference on Religious Dialog and Cooperation	International Academic	Ss. Cyril and Methodius University in Skopje	14-17 October 2019, Struga, R.N.Macedonia	Presented
4	Dr. Anica Dragovic	The social media and religious dialog and cooperation	The first European Conference on Religious Dialog and Cooperation	International Academic	Ss. Cyril and Methodius University in Skopje	14-17 October 2019, Struga, R.N.Macedonia	Presented
5	Chukalevska, D.M. Dragovic, A.	The Image of Social Exclusion in Macedonian Media	<i>Proceedings of the International Scientific Conference "Social Changes in the Global World"</i>	International Academic	-	25-Sep 2019	Presented
6	Dr. Said Al Saadi, Dr. Rashid Al Azri and Syed Adnan Raza	English as a Second Language Teacher's Perceptions and peer Observation	Continuity, Consistency and innovation in Applied Sciences and Humanities (ICCIASH-2020)	International	St. Martin's Engineering College	13-14 August 2020	presented
7	Dr. Said Al Saadi	Research Writing Challenges Encountred by Undergraduate Students	2 nd Student National Symposium IR 4.0	National	Higher College of Technology	14 June, 2020	presented

List of faculty Conference Presentation: 2020 - 2021

S.No.	Department	Name of the Author(s)	Title of the Paper	Name of the Conference	Conference Type (International / National)	Organized by	Date	Presented / Participated
1	Economics and Business Studies Dept.	Dr.Sohil Ahmed- Dr.Aisha Salim	The Interplay Between Global And Domestic Brands Across Sultanate Of Oman And Malaysia: A Conceptual Approach-	7th To 8th November 2020 2nd Nordic Ib, Export Marketing & Tourism Conference 2020,	-	-	7th To 8th November 2020	Presented
2	Economics and Business Studies Dept.	Dr.Aisha Salim- Dr.Sohil Ahmed- Mr.Ihsan Ashiq	Does Value Co-Creation Reconcile The Relationship Between Aliteracy And Students' Poor Performances?	15-16 December Conference On Transformation And Sustainable Development Of Eurasian Emerging Economies For The 21st Century In Cooperation Webster University Ghw School Of Business And Technology In St. Louis, Mo, Usa. Jeecar Conference Presentation	-	-	15-16 December 2020	Presented
3	Economics and Business Studies Dept	Dr. Zaheer Ahmed Dr.Sohil Ahmed & Mr.Ihsan Ashiq	Entre Preneurial Orientation And Performance Of Smes In Oman	15-16 December Conference On Transformation And Sustainable Development Of Eurasian Emerging Economies For The 21st Century In Cooperation Webster University Ghw School Of Business And Technology In St. Louis, Mo, Usa. Jeecar Conference Presentation	-	-	15-16 December 2020	Presented

Students' Research publications/conference presentations: Academic Year 2018 –2019

Sl. No.	Department	Author Names	Title of the Paper	Name of Journal / Conference / Book /Book Chapter	Vol. No.	Issue No.	Page No.	Year	ISSN /ISBN	Index details: Scopus, ISI, Elsevier, etc.
1	English	Marwan M. A. Abualrob & Dr. Said Al-Saadi	Performance-Based Assessment: Approach and Obstacles by Higher- Elementary Science Teachers in Palestine	Journal of Education and Learning	8	2	198-206	March 2019	ISSN: 1927-5250	Harvard Library etc.
2	Computing and Informatics	Mr .Mohammed Sulaiman Salim Al Ghafri and Dr. A. Mohamed Abbas	The Effectiveness of the interactive e-book in the teaching of Mathematics on direct and delayed achievement for the 8th grade students in the Sultanate of Oman	The 4th Industrial Revolution & its Impact on Education Conference	-	-	-	January 2019	-	Ministry of Education, Sultanate of Oman
3	Computing and Informatics	Mr.Salim Issa Al Balushi and Dr.Saleem Basha	Developing Queue-Less System and Integration with Web Services	Developing Queue-Less System and Integration with Web Services	-	-	-	July 2018	ISBN: 978-613-9-84110-3	LAMBERT Academic Publishing
4	Computing and Informatics	Mr .Mohammed Sulaiman Salim Al Ghafri and Dr. A. Mohamed Abbas	The Effectiveness of the interactive e-book in the teaching of Mathematics on direct and delayed achievement for the 8th grade students in the Sultanate of Oman	The 4th Industrial Revolution & its Impact on Education Conference	-	-	-	January 2019	-	Ministry of Education, Sultanate of Oman

Students' Research publications/conference presentations: Academic Year 2019- 2020

S.No.	Name of the Author(s)	Title of the Paper	Name of the Conference	Conference Type (International / National)	Organized by	Date	Presented / Participated
1	Reem Al Kindy and Taif Al Busaidi	Research Writing Challenges Encountered by Undergraduate Students	2 nd Student National Symposium IR 4.0	National	Higher College of Technology	14 June, 2020	Presented
2	Computing and Informatics	Mr. Abdul Khaliq Ali Mohammed Al Shukaili Dr Mohammed Daiyan	Sentiment Analyzer For Shura Council Members	International Journal of Innovative Technology and Exploring Engineering	9	2	1352-1356
3	Economics and Business Studies	Yasmeen Maqbool Sulaiman Al Shuhoomi, Sheeba Khan	The Impact of Demographic Factors and Big Five Personality on Job Satisfaction	International Journal of Innovative Science and Research Technology	4	12	960-967