Annual Report (2018-19)

Strategic Plan of the Scientific Research:

- Focusing on applied research in the fields of science and technology, through the launch of a number of different support programs.
- Developing the infrastructure of research centers.
- Promotion of ethics.
- Development of research guides and scientific publications, and the scientific research ethics manual.
- Provide transparency and fairness of scientific research skills.

Seminars/Workshops Attended

During the academic year of 2018/2019, and in cooperation of deanship of research, the faculty of Engineering are invited to attend a number of seminars pertaining to research.

Those are listed below:

Activities	Held data
International collaboration initiative in Research & Development	1/2/1440
Publication in scientific journals classified under the ISI Rules	23/1/1440
Ethics in Scientific Research	8/2/1440
Turnitin plagiarism software	12/3/1440
Statistical analysis skills for research results using SPSS	5/6/1440
Writing and Structuring your Manuscript to Impress SCI journal editors	13/6/1440
Books procedures and standards of publishing academic	27/6/1440
Mechanism for the detection of quotations for scientific research	5 /7/1440

KPI

هيئة تقويم التعليم
Education Evaluation Commission
المركز الوطني للتقويم والاعتماد الأكاديمي
National Center for Academic Accreditation and Evaluation

ATTACHMENT 4.

T3. ANNUAL PROGRAM REPORT (APR)

Program Eligibility: The program is to submit the two most recent APRs as part of the requirements for program eligibility using the NCAAA Template.

Post Accreditation: The program is required to annually complete an APR. The APR is to document a complete academic year.

APR's are prepared by the program coordinator in consultation with faculty teaching in the program. The reports are submitted to the head of department or college, and used as the basis for any modifications or changes in the program. The APR information is used to provide a record of improvements in the program and is used in the Self Study Report for Programs (SSRP) and by external reviews for accreditation.

EE Program KPI and Assessment Table

KPI #	KPI	KPI Target Benchmark	KPI Actual Benchmark	KPI Internal Benchmarks	KPI External Benchmarks	KPI Analysis	KPI New Target Benchmark	Remarks
Standard 1 Mission & Objectives								
21	Proportion of full time member of teaching staff with at least one refereed publication during the previous year.	1:1	1:0.5	------	------	It is becoming increasingly difficult to publish research papers in Journals such as ISI and Q1/Q2 category. However, the actual KPI is close to the target KPI.	1:0.8	------
22	Number of papers or reports presented at academic conferences during the past year per full time equivalent faculty members.	1:1	1:0.25	------	------	Faculty prefers publishing research papers in Journals over presenting papers in conferences. In recent years, conference organizers are demanding high registration fees.	1:0.3	------
24	Research income from external sources in the past year as a proportion of the number of full time faculty members.	Increasing	1:0.8	------	------	External research grants	1:1	
25	Proportion of the total, annual operational budget dedicated to research.	1%	Unknown	------	------	------	------	------
26	Proportion of full time teaching and other staff actively engaged in community service activities.	10%	20%	------	------	Due to small community here, the Department is serving the community to the extent possible.	25 %	------
27	Number of community education programs provided as a proportion of the number of departments.	1	1	------	------	Dept. is offering one bridging programme. In earlier days due to limited number of colleges, employees prefer to take admissions in bridging courses Now a days, all the students are getting admission and completing their studies within in time. Added to that students need to pay academic fees on their own.	2	------
wWhole Program Analysis of KPIs and Benchmarks: **(list strengths and recommendations)**								

هيئة تقويم التعليم
Education Evaluation Commission

NOTE The following definitions are provided to guide the completion of the above table for Program KPI and Assessment.

KPI refers to the key performance indicators the program used in its SSRP. This includes both the NCAAA suggested KPIs chosen and all additional KPIs determined by the program (including 50% of the NCAAA suggested KPIs and all others).
Target Benchmark refers to the anticipated or desired outcome (goal or aim) for each KPI.
Actual Benchmark refers to the actual outcome determined when the KPI is measured or calculated.
Internal Benchmarks refer to comparable benchmarks (actual findings) from inside the program (like data results from previous years or data results from other departments within the same college).
External Benchmarks refer to comparable benchmarks (actual findings) from similar programs that are outside the program (like from similar programs that are national or international).
KPI Analysis refers to a comparison and contrast of the benchmarks to determine strengths and recommendations for improvement.
New Target Benchmark refers to the establishment of a new anticipated or desired outcome for the KPI that is based on the KPI analysis.

KPI

هيئة تقويم التعليم
Education Evaluation Commission
المركز الوطني للتقويم والاعتماد الأكاديمي
National Center for Academic Accreditation and Evaluation

ATTACHMENT 4.

T3. ANNUAL PROGRAM REPORT (APR)

Program Eligibility: The program is to submit the two most recent APRs as part of the requirements for program eligibility using the NCAAA Template.

Post Accreditation: The program is required to annually complete an APR. The APR is to document a complete academic year.

APR's are prepared by the program coordinator in consultation with faculty teaching in the program. The reports are submitted to the head of department or college, and used as the basis for any modifications or changes in the program. The APR information is used to provide a record of improvements in the program and is used in the Self Study Report for Programs (SSRP) and by external reviews for accreditation.

ME Program KPI and Assessment Table

KPI #	KPI	KPI Target Benchmark	KPI Actual Benchmark	KPI Internal Benchmarks	KPI External Benchmarks	KPI Analysis	KPI New Target Benchmark	Remarks
Standard 1 Mission & Objectives								
21	Proportion of full time member of teaching staff with at least one refereed publication during the previous year.	1:1	1:0.9	------	------	It is becoming increasingly difficult to publish research papers in Journals such as ISI and Q1/Q2 category. However, the actual KPI is close to the target KPI.	1:1	------
22	Number of papers or reports presented at academic conferences during the past year per full time equivalent faculty members.	1:1	1:0.2	------	------	Faculty prefers publishing research papers in Journals over presenting papers in conferences. In recent years, conference organizers are demanding high registration fees.	1:0.3	------
24	Research income from external sources in the past year as a proportion of the number of full time faculty members.	Increasing	1:0.7	------	------	External research grants	----	
25	Proportion of the total, annual operational budget dedicated to research.	1%	Unknown	------	------	------	------	------
26	Proportion of full time teaching and other staff actively engaged in community service activities.	10%	4%	------	------	Due to small community here, the Department is serving the community to the extent possible.	------	------
27	Number of community education programs provided as a proportion of the number of departments.	1	0	------	------	Dept. is offering one bridging programme. In earlier days due to limited number of colleges, employees prefer to take admissions in bridging courses Now a days, all the students are getting admission and completing their studies within in time. Added to that students need to pay academic fees on their own.	------	------
wWhole Program Analysis of KPIs and Benchmarks: **(list strengths and recommendations)**								

NOTE The following definitions are provided to guide the completion of the above table for Program KPI and Assessment.

KPI refers to the key performance indicators the program used in its SSRP. This includes both the NCAAA suggested KPIs chosen and all additional KPIs determined by the program (including 50% of the NCAAA suggested KPIs and all others).
Target Benchmark refers to the anticipated or desired outcome (goal or aim) for each KPI.
Actual Benchmark refers to the actual outcome determined when the KPI is measured or calculated.
Internal Benchmarks refer to comparable benchmarks (actual findings) from inside the program (like data results from previous years or data results from other departments within the same college).
External Benchmarks refer to comparable benchmarks (actual findings) from similar programs that are outside the program (like from similar programs that are national or international).
KPI Analysis refers to a comparison and contrast of the benchmarks to determine strengths and recommendations for improvement.
New Target Benchmark refers to the establishment of a new anticipated or desired outcome for the KPI that is based on the KPI analysis.

KPI

هيئة تقويم التعليم
Education Evaluation Commission
المركز الوطني للتقويم والاعتماد الأكاديمي
National Center for Academic Accreditation and Evaluation

ATTACHMENT 4.

T3. ANNUAL PROGRAM REPORT (APR)

Program Eligibility: The program is to submit the two most recent APRs as part of the requirements for program eligibility using the NCAAA Template.

Post Accreditation: The program is required to annually complete an APR. The APR is to document a complete academic year.

APR's are prepared by the program coordinator in consultation with faculty teaching in the program. The reports are submitted to the head of department or college, and used as the basis for any modifications or changes in the program. The APR information is used to provide a record of improvements in the program and is used in the Self Study Report for Programs (SSRP) and by external reviews for accreditation.

CEE Program KPI and Assessment Table

KPI #	KPI	KPI Target Benchmark	KPI Actual Benchmark	KPI Internal Benchmarks	KPI External Benchmarks	KPI Analysis	KPI New Target Benchmark	Remarks
Standard 1 Mission & Objectives								
21	Proportion of full time member of teaching staff with at least one refereed publication during the previous year.	1:1	1:0.25	------	------	The actual KPI is very less than the Target KPI. Publication in civil engineering requires experimental equipment which is not available in Majmaah university.	1:0.8	------
22	Number of papers or reports presented at academic conferences during the past year per full time equivalent faculty members.	1:1	1:0	------	------	Faculty prefers publishing papers in journals over presenting papers in conferences. In recent years, conference organizers are demanding high registration fees.	1:0.5	------
24	Research income from external sources in the past year as a proportion of the number of full time faculty members.	Increasing	0	------	------	External research grants require a proposal well written with clear objectives related to the research priorities of governments	----	------
25	Proportion of the total, annual operational budget dedicated to research.	1%	Unknown	------	------	------	------	------
27	Proportion of full time teaching and other staff actively engaged in community service activities.	10%	2%	------	------	Due to small community here, department is servicing to the extent possible.	------	------
27	Number of community education programs provided as a proportion of the number of departments.	1	0	------	------	------	------	------

Whole Program Analysis of KPIs and Benchmarks: **(list strengths and recommendations)**	

NOTE The following definitions are provided to guide the completion of the above table for Program KPI and Assessment.

KPI refers to the key performance indicators the program used in its SSRP. This includes both the NCAAA suggested KPIs chosen and all additional KPIs determined by the program (including 50% of the NCAAA suggested KPIs and all others).
Target Benchmark refers to the anticipated or desired outcome (goal or aim) for each KPI.
Actual Benchmark refers to the actual outcome determined when the KPI is measured or calculated.
Internal Benchmarks refer to comparable benchmarks (actual findings) from inside the program (like data results from previous years or data results from other departments within the same college).
External Benchmarks refer to comparable benchmarks (actual findings) from similar programs that are outside the program (like from similar programs that are national or international).
KPI Analysis refers to a comparison and contrast of the benchmarks to determine strengths and recommendations for improvement.
New Target Benchmark refers to the establishment of a new anticipated or desired outcome for the KPI that is based on the KPI analysis.

Research Fund Received Details (During the Academic Year 2018-19)

S. No	Name of the Faculty Member	Name of Research Funding Agency	Purpose of Research Fund Received (For Project/Paper /workshop etc.)	Research Fund Received (in SR)	Reference details	Title (Project /paper/workshop)	Current Status	Remarks if any
1	Dr Nadeem Khan	Majmaah University	Research Project	12000	38/111	Energy and Exergy analysis of combined cycle power plant	On Going	Nil
2	Dr Yazeed	Majmaah University	Research Project	12000		A compact quasi-lumped antenna array for 5G WIFI application of kingdom of Saudi	Completed	Nil
3	Dr Kassifuddin	Majmaah University	Paper	12000	1440-11.	Synthesis of Co_3O_4nanoparticles and their performance towards methyl orange dye removal: Characterization, adsorption and response surface methodology	Paper Published	Nil
4	Dr. Osama Ahmed Mohamed		Paper	12000	1440-64	A new methodology for design and manufacturing of a	Paper: accepted for	Nil

	Abdelaal					customized silicone partial foot prosthesis using indirect additive manufacturing	publication	
5	Dr. Tarek EL-Bagory	Majmaah University	Paper	30000	The paper is participated in ASME Conf. PVP 2018	Failure Analysis of Ring Hoop Tension Test (RHTT) Specimen under Different Loading Conditions	The funded project is finished and the paper under review and publication	The paper under review in the journal of pressure vessel Technology
6	Dr. Muhammad Zubair	Majmaah University	Paper	12000	38/109	Feasibility and Design Aspects of Zero Energy Building Blocks in Various Cities of Kingdom of Saudi Arabia Using Renewable Energy Resources.	Paper under review	Nil
7	Dr. Muhammad Zubair	Majmaah University	Paper	6000	1440-12	Analysis of net-zero energy housing society in Gwadar Pakistan to mitigate the load shedding Problem	Published	Nil
8	Dr.Praveen R.P.	Majmaah University	Paper	12,000	38/119	Design, Analysis and Optimization of Solar Tower based Concentrated Solar Power system for a sustainable energy future of Kingdom of Saudi Arabia	Paper under review	Nil

Kingdom of Saudi Arabia
Ministry of Higher Education
Majmaah University
College of Engineering

List of Faculty Journal Publications

List of Journal Publication in the last eight years
Bearing College of Engineering, Majmaah University

Year	Total No. of Papers in Journals/Year				Total No. of Papers in Conferences/Year				Total No. of Papers in the Engineering College from 2010 to 2018		
	ME	EE	CE	BES	ME	EE	CE	BES	Jour.	Conf.	Total
2010	0	0	0	0	2	0	2	0	0	4	4
2011	3	0	1	0	0	0	4	0	4	4	8
2012	8	5	0	0	2	3	0	3	13	8	21
2013	10	4	4	1	4	6	2	2	19	14	33
2014	9	5	5	20	3	2	1	4	39	10	49
2015	16	5	4	28	13	2	3	9	53	27	80
2016	39	8	4	46	9	6	0	15	97	30	127
2017	14	11	3	59	0	3	0	0	87	3	90
2018											
Total No. of Papers in each Department from 2010 to 2018											

Academic Year
1438-1439 H, 2017-2018

List of Journal Publication in the last eight years
Bearing College of Engineering, Majmaah University (Scopus and ISI)

Year	Total No. of Papers in Scopus/Year				Total No. of Papers in ISI/Year				Total No. of Papers in the Engineering College from 2010 to 2018 Accor. to Scopus and ISI		
	ME	EE	CE	BES	ME	EE	CE	BES	Scopus	ISI	Total
2010	0	0	0	0	0	0	0	0	0	0	0
2011	1	0	0	0	1	0	0	0	1	1	2
2012	4	0	1	0	1	0	0	0	5	1	6
2013	5	1	1	0	1	0	0	1	7	2	9
2014	5	1	1	0	1	1	0	19	7	21	28
2015	7	1	0	0	3	2	0	28	8	33	41
2016	16	1	3	6	17	1	0	37	26	55	81
2017	7	2	0	15	5	5	1	29	24	40	64
2018											
Total No. of Papers in each Department from 2010 to 2018											

Academic Year
1438-1439 H, 2017-2018

Mechanical and Industrial Engineering Department

1. Journals

No.	Authors	Article Title	Journal Name	Year	Volume	Issue No.	PP.	ISI/ SCOPUS	Link of Paper
1.	**Abdullah A. Alabdulkarim**, Peter D. Ball, and Ashutosh Tiwari	Applications of Simulation in Maintenance Research	World Journal of Modelling and Simulation	August, 2013	9	1	14-37	**Scopus**	http://www.wjms.org.uk/wjmsvol09no01paper02.pdf
2.	**Abdullah A. Alabdulkarim**, Peter D. Ball, and Ashutosh Tiwari	Influence of Resources on Maintenance Operations with Different Asset Monitoring Levels: A Simulation Approach	Business Process Management Journal	2014	20	2	195-212	**Scopus**	https://pure.york.ac.uk/portal/en/publications/influence-of-resources-on-maintenance-operations-with-different-asset monitoringlevels(fd19e7d7-2c00-4161-84f7-e558da624156).html
3.	**Abdullah A. Alabdulkarim**, Peter D. Ball, and Ashutosh Tiwari	Assessing Asset Monitoring Levels for Maintenance Operations: A Simulation Approach	Journal Manufacturing Technology Management	2015	26	5	632-659	-	http://www.emeraldinsight.com/doi/abs/10.1108/JMTM-01-2013-0003
4.	**Abdullah A. Alabdulkarim**	Improving the Operations Performance of a Chemotherapy Clinic: A Two-phase Approach	South African Journal of Industrial Engineering	2018	29	4		**ISI**	
5.	**Muhammad Al-Salamah**	Optimum Process Parameters with Imperfect Infinite Reworks	The International Journal of Advanced Manufacturing Technology	December, 2012	63	9-12	1239-1246	-	https://link.springer.com/article/10.1007/s00170-012-3968-8
6.	**Muhammad Al-Salamah**	Constrained Binary Artificial Bee Colony to Minimize the Makespan for Single Machine Batch Processing with Non-Identical Job Sizes	Applied Soft Computing	2015	29	April, 2015	379–385	**ISI**	https://www.sciencedirect.com/science/article/pii/S1568494615000150
7.	**Muhammad Al-Salamah**	Economic Production Quantity in Batch Manufacturing with Imperfect Quality, Imperfect Inspection, and Destructive and Non-destructive Acceptance Sampling in a Two-Tier Market	Computers and Industrial Engineering	2016	93	March	275–285	**Scopus**	https://www.sciencedirect.com/science/article/abs/pii/S0360835215005021
8.	B.Saleh, A.Ezz El-Deen, and **S.M. Ahmed**	Effect of Liquid Viscosity on Cavitation Damage Based on Analysis of Erosion Particles	Journal of Engineering Sciences, Assiut University	March, 2011	39	2	327-336	-	http://www.aun.edu.eg/journal_files/80_J_7365.pdf

9.	F. A. Alturki, A.Abouel-Kasem and **S. M. Ahmed**	Fractal Analysis of Cavitation Eroded Surface in Dilute Emulsions	Journal of Tribology	October, 2011	133	4	doi: 10.1115/1.4004927	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=1468811
10.	S. A. Karrab, M. A. Doheim, Mohamed S. Mohammed and **S. M. Ahmed**	Study of Cavitation Erosion Pits on 1045 Carbon Steel Surface in Corrosive Waters	Journal of Tribology	January, 2012	134	1	doi:10.1115/1.4005646	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=1468867
11.	S. A. Karrab, M. A. Doheim, Mohamed S. Mohammed and **S. M. Ahmed**	Investigation of the Ring Area Formed Around Cavitation Erosion Pits on the Surface of Carbon Steel	Tribology Letters	March, 2012	45	3	437-444	**ISI**	https://link.springer.com/article/10.1007/s11249-011-9901-8
12.	A. Abouel-Kasem and **S.M. Ahmed**	Bubble Structures Between Two Walls in Ultrasonic Cavitation Erosion	Journal of Tribology	April, 2012	134	2	doi:10.1115/1.4005217	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=1468930
13.	Karrab, M. A. Doheim, Mohamed S. Aboraia and **S. M. Ahmed**	Examination of Cavitation Erosion Particles Morphology in Corrosive Waters	Journal of Engineering Sciences, Assiut University	November, 2012	40	6	1793-1814	-	http://www.aun.edu.eg/journal_files/90_J_1328.pdf
14.	F. A. Alturki, A.Abouel-Kasem and **S. M. Ahmed**	Characteristics of Cavitation Erosion using Image Processing Techniques	Journal of Tribology	January, 2013	135	1	doi: 10.1115/1.4007575	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=1656924
15.	Y. M. Abd-Elrhman, A. Abouel-Kasem, **S. M. Ahmed** and K.M. Emara	Effect of Impact Angle on Slurry Erosion Behavior and Mechanisms of Boronized AISI 5117 Steel	Journal of Engineering Sciences, Assiut University	January, 2013	41	1	137-157	-	http://www.aun.edu.eg/journal_files/94_J_672.pdf
16.	Tawfeeq A. Alkanhal, **M. Osman** and **S. A. Ahmed**	Investigation into Tubular Structure Formed by Pitting Corrosion on the Surface of Carbon Steel	Journal of Engineering Sciences, Assiut University	March, 2013	41	2	483-500	-	http://www.aun.edu.eg/journal_files/97_J_1321.pdf
17.	B. Saleh, Tawfeeq A. Alkanhal and **S.M. Ahmed**	Fractal Characterization of Cavitation Damage of Carburized AISI 5117 Steel	Journal of Engineering Sciences, Assiut University	March, 2013	41	2	517-542	-	http://www.aun.edu.eg/journal_files/136_J_4000.pdf
18.	B. Saleh and **S.M. Ahmed**	Slurry Erosion-Corrosion of Carburized AISI 5117 Steel	Tribology Letters	July, 2013	51	1	135-142	**ISI**	https://link.springer.com/article/10.1007/s11249-013-0155-5
19.	S. A. Karrab, M. A. Doheim, Mohamed S. Mohammed and **S. M. Ahmed**	Effect of Heat Treatment and Bath Composition of Electroless Nickel-Plating on Cavitation Erosion Resistance	Journal of Engineering Sciences, Assiut University	August, 2013	41	41	1989-2011	-	http://www.aun.edu.eg/journal_files/144_J_4954.pdf

20.	Y. M. Abd-Elrhman, A. Abouel-Kasem, K.M. Emara and **S. M. Ahmed**	Effect of Impact Angle on Slurry Erosion Behaviour and Mechanisms of Carburized AISI 5117 Steel	Journal of Tribology	January, 2014	136	1	doi: 10.1115/1.4025874	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=1765212
21.	Y. M. Abd-Elrhman, A. Abouel-Kasem, **S. M. Ahmed** and K.M. Emara	Stepwise Erosion as a Method for Investigating the Wear Mechanisms at Different Impact Angles in Slurry Erosion	Journal of Tribology	April, 2014	136	2	doi:10.1115/1.4026420	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=1812715
22.	**M. Osman and S. A. Ahmed**	Investigation into Cavitation Damage Progress in the Incubation Period using Stepwise Erosion and Image Process Techniques	Journal of Engineering Sciences, Assiut University	May, 2014	42	3	683-702	-	http://www.aun.edu.eg/journal_files/158_J_5091.pdf
23.	S. A. Karrab, Mohamed S. Aboraia M. A. Doheim and **S. M. Ahmed**	Investigation into Morphology of Cavitation Erosion-Corrosion Pits on the Surface of Carbon Steel	International Journal of Engineering and Information Technology (IJEIT)	October, 2014	1	1	28-35	-	http://ijeit.misuratau.edu.ly/IJEIT_Files/EN005.pdf
24.	Saleh, B, Abouel-Kasem, A. and **Ahmed, S. M.**	Effect of Surface Properties Modification on Slurry Erosion-Corrosion Resistance of AISI 5117 Steel	Journal of Tribology	2015	137	031105	1-8	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=2196581
25.	M.A. Al-Bukhaiti, A. Abouel-Kasem, K.M. Emara and **S.M. Ahmed**	Particle Shape and Size Effects on Slurry Erosion of AISI 5117 Steels	Journal of Tribology	2016	138	April	Doi:10.1115/1.4031987	**Scopus**	http://tribology.asmedigitalcollection.asme.org/article.aspx?articleid=2470736&resultClick=3
26.	**Zainul Huda**	Materials Selection in Design of Structures and Engines of Supersonic Aircrafts: A Review	Materials and Design	April, 2013	46	doi:10.1016/j.matdes 2012.10.001	552–560	**Scopus**	https://www.sciencedirect.com/science/article/pii/S0261306912006905
27.	**Iskander Tlili**	Finite Time Thermodynamic Evaluation of Endoreversible Stirling Heat Engine at Maximum Power Conditions	Renewable and Sustainable Energy Reviews	May, 2012	16	4	2234-2241	**Scopus**	https://www.sciencedirect.com/science/article/pii/S1364032112000238
28.	**Iskander Tlili**	Thermodynamic Study on Optimal Solar Stirling Engine Cycle Taking into account the Irreversibilities Effects	Energy Procedia	June, 2012	14	doi:10.1016/j.egypro.2011.12.979	584-591	-	https://www.sciencedirect.com/science/article/pii/S1876610211043955
29.	**Iskander Tlili**	A Numerical Investigation of an Alpha Stirling Engine using the Ross Yoke Linkage	International Journal of Heat and Technology	September, 2012	30	1	23-36	**Scopus**	http://www.iieta.org/sites/default/files/Journals/IJHT/30.1_04.pdf
30.	**Iskander Tlili** and **Sa'ed a. Musmar**	Thermodynamic Evaluation of a Second Order Simulation for Yoke Ross Stirling Engine	Energy Conversion and Management	April, 2013	68	doi:10.1016/j.enconman.2013.01.005	149-160	**Scopus**	https://www.sciencedirect.com/science/article/pii/S0196890413000241

31.	**Saed A. Musmar** , Nasim Razavinia, Frank Mucciardi and **Iskander Tlili**	Performance Analysis of a New Waste Heat Recovery System	International Journal of Thermal and Environmental Engineering	2015	10	1	1-7	-	http://iasks.org/wp-content/uploads/pdf/IJTEE-1201006.pdf
32.	**K. Ramadan and I. Tlili**	A Numerical Study of the Extended Graetz Problem in a Microchannel with Constant Wall Heat Flux: Shear Work Effects on Heat Transfer	Journal of Mechanics	May, 2015			1-11	**Scopus**	https://www.cambridge.org/core/journals/journal-of-mechanics/article/a-numerical-study-of-the-extended-graetz-problem-in-a-microchannel-with-constant-wall-heat-flux-shear-work-effects-on-heattransfer/853C253C6E1C3C5BC4BB103F234AE376
33.	**S.A. Musmar**, A.T. Al-Halhouli, **I. Tlili** and S. Büttgenbach	Performance Analysis of a New Water Based Micro-Cooling System	Experimental Heat Transfer	2015				**Scopus**	https://www.tandfonline.com/doi/abs/10.1080/08916152.2015.1024353?journalCode=ueht20
34.	**K. Ramadan and Iskander Tlili**	Shear Work, Viscous Dissipation and Axial Conduction Effects on Microchannel Heat Transfer with a Constant Wall Temperature	Journal of Mechanical Engineering Science	2016	230	14	2496–2507	**Scopus**	http://journals.sagepub.com/doi/abs/10.1177/0954406215598799?journalCode=picb
35.	**A. Sa'ed and Iskander Tlili**	Numerical Investigation of Working Fluid Effect on Stirling Engine Performance	International Journal of Thermal and Environmental Engineering	2015	10	1	31-36	-	http://iasks.org/wp-content/uploads/pdf/1-VOL10-5.pdf
36.	**Iskander Tlili**	Renewable Energy in Saudi Arabia: Current Status and Future Potentials	Environment, Development and Sustainability	2015	17	4	859-886	**Scopus**	https://link.springer.com/article/10.1007/s10668-014-9579-9
37.	**Ehab A. Abdelhafiez** and **Fahd A. Alturki**	A Shaking Optimization Algorithm for Solving Job Shop Scheduling Problem	International Journal of Industrial Engineering and Management Systems IEMS	March, 2011	10	1	7-14	-	http://www.koreascience.or.kr/article/ArticleFullRecord.jsp?cn=SGHHEA_2011_v10n1_7
38.	**T. M. EL-Bagory**, M. Younan, H. Sallam and L. A. Latif	Plastic Load of Pre-Cracked Polyethylene Miter Pipe Bends Subjected to In-Plane Bending Moment	Journal of Pressure Vessel and Technology	December, 2013	135	6	doi: 10.1115/1.4024658	**Scopus**	http://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=1750060
39.	**T. M. EL-Bagory**, M. Younan, H. Sallam and L. A. Latif	Effect of Load Angle on Limit Load of Polyethylene Miter Pipe Bends	Journal of Pressure Vessel and Technology	June, 2014	136	3	doi: 10.1115/1.4026069	**Scopus**	http://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=1783656&resultClick=3
40.	**T. M. EL-Bagory**, M. Younan, H. Sallam And L. A. Latif	Limit Load Determination and Material Characterization of Cracked Polyethylene Miter Pipe Bends	Journal of Pressure Vessel and Technology	August, 2014	136	4	doi: 10.1115/1.4026330	**Scopus**	http://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=1829870&resultClick=3

41.	**T. M. EL-Bagory**, H. Sallam and M. Younan	Effect of Strain Rate, Thickness, Welding on the J-R Curve for Polyethylene Pipe Materials	Theoretical and Applied Fracture Mechanics	October, 2014	74	October	164–180	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167844214001633
42.	**T. M. EL-Bagory**, H. Sallam and M. Younan	Evaluation of Fracture Toughness Behavior of Polyethylene Pipe Materials	Journal of Pressure Vessel and Technology	December, 2015	137	6	doi: 10.1115/1.4029925	**Scopus**	http://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=2191162
43.	**T. M. EL-Bagory**, **Tawfeeq A. Alkanhal** and Younan, M.A	Effect of Specimen Geometry on the Predicted Mechanical Behavior of Polyethylene Pipe Material	Journal of Pressure Vessel and Technology	December, 2015	137	6	doi: 10.1115/1.4029795	**Scopus**	http://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=2119560&resultClick=3
44.	**T. M. EL-Bagory** and Younan, M.A.	Crack Growth Behavior of Pipes Made from Polyvinyl Chloride Pipe Material	Journal of Pressure Vessel and Technology	Feb., 2017	139	1	doi: 10.1115/1.4033124.	**Scopus**	http://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=2507047&resultClick=3
45.	**Vakkar Ali**	An Experimental Study of Aerodynamic Drag on the Body of Road Vehicle	Journal of Pure and Applied Science and Technology	July, 2015	5	2	9-21	-	http://nlss.org.in/abstract/an-experimental-study-of-aerodynamic-drag-on-the-body-of-road-vehicle-dr-vakkar-ali.html
46.	**Subhash Chandra**, **Muhammad Al Salamah**, **Vakkar Ali**	Stochastic Simulation of Assembly Line for Optimal Sequence using Petri Nets (PN)	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	March, April, 2014	11	2	26-33	-	http://www.iosrjournals.org/iosrjmce/pages/11(2)Version-5.html
47.	**Vakkar Ali, Ziaur-Rehman**	Space Air- Conditioning by Aqua Ammonia Absorption System using Exhaust Waste Heat of Diesel Generator Set	Journal of Engineering and Applied Sciences	Nov 2016	3	2	1-7	**Scopus**	https://m.mu.edu.sa/sites/default/files/content/2017/06/P1.pdf
48.	**S. Chandra** and Sunil Sharma	Implementation of total Productive Maintenance (TPM) in Indian Industries using Least Square Multi Attribute Decision Model (LSMADM)	International Journal of Advanced Technology in Engineering and Science	March, 2015	3	1	1630 - 1640	-	http://ijates.com/images/short_pdf/1427955322_793.pdf
49.	**A.M. Alklaibi**	Experimental and Theoretical Investigation of Internal Two-Stage Evaporative Cooler	Energy Conversion and Management	May, 2015	95	May	140-148	**Scopus**	https://www.sciencedirect.com/science/article/pii/S019689041500148X
50.	**Waqar Ahmed Khan**	Effects of Thermal Radiation on Casson Flow Heat and Mass Transfer Around a Circular Cylinder in Porous Medium	The European physical Journal Plus	September, 2015	130	September	188-200	**ISI**	https://link.springer.com/article/10.1140/epjp/i2015-15188-y
51.	**Waqar Ahmed Khan**	Heat and Mass Transfer in Nanofluid Thin Film over an Unsteady Stretching Sheet using Buongiornos Model	The European Physical Journal Plus	January, 2016	131	1	1-11	**ISI**	https://link.springer.com/article/10.1140/epjp/i2016-16016-8

52.	**Waqar Ahmed Khan**	Non-Aligned MHD Stagnation Point Flow of Variable Viscosity Nanofluids Past a Stretching Sheet with Radiative Heat	International Journal of Heat and Mass Transfer	May, 2016	96	5	525-534	**ISI**	https://www.sciencedirect.com/science/article/pii/S0017931015313247
53.	**Waqar Ahmed Khan**	Electro kinetic Effects on Pressure Driven Flow of Viscoelastic Fluids in Nanofluidic Channels with Navier Slip Condition	Journal of Molecular Liquids	March, 2016	215	3	472-480	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732216300721
54.	**Waqar A. Khan,** Nawaf N. Hamadneh, Surafel L. Tilahun and Jean M. T. Ngnotchouye	A Review and Comparative Study of Firefly Algorithm and its Modified Versions	Chapter in: Optimization Algorithms- Methods and Applications	In Tech, 2016			281-313	**Scopus**	https://www.intechopen.com/books/optimization-algorithms-methods-and-applications
55.	Naeema ISHFAQ, Zafar Hayat Khan, **Waqar Ahmad Khan**, Richard J. Culham	Estimation of boundary-layer flow of a nanofluid past a stretching sheet: A revised model	Journal of Hydrodynamics, Ser. B,	August, 2016	28	4		**Scopus**	https://www.sciencedirect.com/science/article/pii/S1001605816606637
56.	Tiny du Toit, Nawaf Hamadneh, Saratha Sathasivam and Waqar Khan	Automated Architecture Selection for Radial Basis Function Neural Networks	Research Journal of Applied Sciences, Engineering and Technology	2016	12	11	1146-1151	**ISI**	https://pdfs.semanticscholar.org/01e0/0db8b6fc4266e82ab8a05f179b44bb937fd7.pdf
57.	F. Mabood, **W.A. Khan**, M.M. Yovanovich	Forced Convection of Nanofluid Flow across Horizontal Circular Cylinder with Convective Boundary Condition	Journal of Molecular Liquids	July, 2016				**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732216304780
58.	O.D. Makinde, **T. Iskander**, F. Mabood, **W.A. Khan**, M.S. Tshehla	MHD Couette-Poiseuille flow of variable viscosity nanofluids in a rotating permeable channel with Hall effects	Journal of Molecular Liquids	September, 2016	221		778-787	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732216309199
59.	**Khan, W. A.**; Rashad, A. M.; Hamadneh, N	Double-Diffusive Forced Convective Boundary Layer Flow in Porous Medium Saturated with Nanofluids Along Horizontal Surface	Journal of Nanofluids	April, 2016	5	2	264-272	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jon/2016/00000005/00000002/art00009?crawler=true&mimetype=application/pdf
60.	**Khan, W. A.**; Khan, Z. H.; Qasim, M	MHD Fluid Flow and Heat Transfer of Micropolar Ferrofluids Over a Stretching Sheet	Journal of Nanofluids	August, 2016	5	4	567-573	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jon/2016/00000005/00000004/art00010

61.	Makinde, O. D.; Khan, **W. A.; Khan,** Z. H.	Analysis of MHD Nanofluid Flow Over a Convectively Heated Permeable Vertical Plate Embedded in a Porous Medium	Journal of Nanofluids	August, 2016	5	4	574-580	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jon/2016/00000005/00000004/art00011?crawler=true&mimetype=application/pdf
62.	**A.M. Alklaibi, M.N. Khan, W.A. Khan**	Thermodynamic analysis of gas turbine with air bottoming cycle, Energy	Energy	July, 2016	107	15	603-611	**ISI**	https://www.sciencedirect.com/science/article/pii/S0360544216304613
63.	**A.M. Alklaibi**	Utilization of exhaust gases heat from gas turbine with air bottoming combined cycle	Energy	April 2017	133		1108-1120	**ISI**	https://www.journals.elsevier.com/energy/
64.	O.D. Makinde, F. Mabood, **W.A. Khan**, M.S. Tshehla	MHD flow of a variable viscosity nanofluid over a radially stretching convective surface with Radiative heat	Journal of Molecular Liquids	July 2016	219		624-630	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732215306528
65.	F. Mabood, **W.A. Khan**	Analytical study for unsteady nanofluid MHD Flow impinging on heated stretching sheet	Journal of Molecular Liquids	July 2016	219		216-223	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732215310552
66.	M.J. Uddin, **W.A. Khan**, A.I.Md. Ismail	Two parameter scaling group for unsteady convective Magneto hydrodynamic flow	Alexandria Engineering Journal	March 2016				-	https://www.sciencedirect.com/science/article/pii/S1110016816000442
67.	**Waqar A. Khan**	Double-diffusive natural convective boundary-layer flow of a nanofluid over a stretching sheet with magnetic field	International Journal of Numerical Methods for Heat & Fluid Flow	2016	26	1	108-121	**ISI**	http://www.emeraldinsight.com/doi/abs/10.1108/HFF-01-2015-0019
68.	**Waqar A. Khan**	Electrokinetic effects on pressure driven flow of viscoelastic fluids in nanofluidic channels with Navier slip condition	Journal of Molecular Liquids	March 2016	215	3	472-480	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732216300721
69.	**Waqar A. Khan**	Non-aligned MHD stagnation point flow of variable viscosity nanofluids past a stretching sheet with Radiative heat	International Journal of Heat and Mass Transfer	May 2016	96	5	525-534	**ISI**	https://www.sciencedirect.com/science/article/pii/S0017931015313247
70.	**Waqar A. Khan**	Analytical study for unsteady nanofluid MHD Flow impinging on heated stretching sheet	Journal of Molecular Liquids	July 2016	219	7	216-223	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732215310552
71.	**Waqar A. Khan**	Effect of variable properties, Navier slip and convective heating on Hydromagnetic transport phenomena	Indian J Phys.	June 2016	90	6	627637	**ISI**	https://link.springer.com/article/10.1007/s12648-015-0802-9
72.	**Waqar A. Khan**	Computational study of three-dimensional stagnation point nanofluid bio-convection flow on a moving surface with anisotropic slip and thermal jump effect	ASME. J. Heat Transfer	2016	138	10	7 pages	**ISI**	http://heattransfer.asmedigitalcollection.asme.org/article.aspx?articleid=2522548

73.	**Waqar A. Khan**	Double-Diffusive Forced Convective Boundary Layer Flow in Porous Medium Saturated with Nanofluids Along Horizontal Surface	Journal of Nanofluids	April 2016	5	2	264-272	**Scopus**	http://www.ingentaconnect.com/content/asp/jon/2016/00000005/00000002/art00009
74.	**Waqar A. Khan**	Analytical/Numerical Study of Fluid Flow and Heat Transfer Across In-Line Cylinders	Journal of Thermophysics and Heat Transfer	2016	30	3	490-498	**ISI**	https://arc.aiaa.org/doi/abs/10.2514/1.T4668
75.	**Waqar A. Khan**	Scaling Group Transformation for MHD Double-Diffusive Flow Past a Stretching Sheet with Variable Transport Properties Taking into Account Velocity Slip and Thermal Slip Boundary Conditions	Pertanika Journal of Science & Technology	2016	24	1	53-70	-	http://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=01287680&AN=113304181&h=%
76.	**Waqar A. Khan**	Framing the features of Brownian motion and thermophoresis on radiative nanofluid flow past a rotating stretching sheet with magnetohydrodynamics	Results in Physics	November 2016	6	-	1015-1023	**ISI**	https://www.sciencedirect.com/science/article/pii/S221137971630273X
77.	**Waqar A. Khan**	Effects of radiation on mixed convection in power law fluids along a vertical wedge embedded in a saturated porous medium under prescribed surface heat flux condition	Heat Transfer XIV: Simulation and Experiments in Heat Transfer and its Applications	2016	106		139	-	https://www.witpress.com/elibrary/wit-transactions-on-engineering-sciences/106/35803
78.	**Waqar A. Khan**	Viscous Dissipation Effects in Water Driven Carbon Nanotubes along a Stream Wise and Cross Flow Direction,	International Journal of Chemical Reactor Engineering	2017	15	01	1-7	-	https://www.degruyter.com/view/j/ijcre.ahead-of-print/ijcre-2016-0059/ijcre-2016-0059.xml
79.	**Waqar A. Khan**	Combined effects of radiation and chemical reaction on heat and mass transfer by MHD stagnation-point flow of a micropolar fluid towards a stretching surface	Journal of the Nigerian Mathematical Society	2017	36	1	219-238	-	https://ojs.ictp.it/jnms/index.php/jnms/article/view/95/0
80.	**Waqar A. Khan**	Viscous dissipation effects on unsteady mixed convective stagnation point flow using Tiwari-Das nanofluid model	Results in Physics	2017	7		280-287	**ISI**	https://www.sciencedirect.com/science/article/pii/S2211379716305629
81.	**Waqar A. Khan**	MHD flow over exponential radiating stretching sheet using homotopy analysis Method	Journal of King Saud University - Engineering Sciences	2017	29	1	68-74	**Scopus**	https://www.sciencedirect.com/science/article/pii/S1018363914000397
82.	**Waqar A. Khan**	Magneto-Hemodynamics of Nanofluid with Heat and Mass Transfer in a Slowly Varying Symmetrical Channel	International Journal of Engineering Research in Africa	2017	28		118-141	**Scopus**	https://www.scientific.net/JERA.28.118
83.	**Waqar A. Khan**	Inclined MHD Mixed Convection and Partial Slip of Nanofluid in a Porous Lid-Driven Cavity with Heat Source-Sink: Effect of Uniform and Non-Uniform Bottom Heating	Journal of Nanofluids	April 2017	6	2	368-378	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jon/2017/00000006/00000002/art00020

84.	**Waqar A. Khan**	Dual Solutions of MHD Boundary Layer Flow of a Micropolar Fluid with Weak Concentration over a Stretching/Shrinking Sheet	Communications in Theoretical Physics	2017	67	4	449-457	**ISI**	http://iopscience.iop.org/article/10.1088/0253-6102/67/4/449
85.	**M. N. Khan, I. Tlili, and W. A. Khan**	Thermodynamic Optimization of New Combined Gas/Steam Power Cycles with HRSG and Heat Exchanger	Arabian Journal for Science and Engineering	2017	42	11	4547-4558	**ISI**	https://link.springer.com/article/10.1007/s13369-017-2549-4
86.	**Waqar A Khan**	Stagnation point flow of MHD chemically reacting nanofluid over a stretching convective surface with slip and Radiative Heat	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2017	231	4	695-703	**ISI**	http://journals.sagepub.com/doi/abs/10.1177/0954408916629506
87.	**Waqar A Khan**	Exergetic and energetic analysis of a 210 MW Thermal Power Plant in Pakistan	University of Engineering and Technology Taxila Technical Journal	2017	22	1	66	-	http://businessdocbox.com/Green_Solutions/69289653-Exergetic-and-energetic-analysis-of-a-210-mw-thermal-power-plant-in-pakistan.html
88.	**Waseem S Khan**	Investigating the thermal, mechanical, and electrochemical properties of PVdF/PVP nanofibrous membranes for supercapacitor applications	Journal of Applied Polymer Science	August, 2016	133	30	DOI: 10.1002/app.43707.	**Scopus**	http://onlinelibrary.wiley.com/doi/10.1002/app.43707/full
89.	**Waseem S Khan**	Tuning the Ionic and Dielectric Properties of Electrospun Nano composite Fibers for Supercapacitor Applications	International Journal of Engineering Research and Application	June, 2016	6	6	65-73	-	http://www.ijera.com/pages/v6no6.html
90.	**Mohammad Alobaid**, Ben Hughes, John Kaiser Calautit, Dominic O'Connor, Andrew Heyes	A review of solar driven absorption cooling with photovoltaic thermal systems	Renewable and Sustainable Energy Reviews	September, 2017	76	September 2017	728–742	**Scopus**	https://www.sciencedirect.com/science/article/pii/S1364032117304082
91.	**Ibrahim M. Alarifi**	Thermal, Electrical and Surface Properties of Electrospun Polyacrylonitrile Nanofibers for Structural Health Monitoring	Materials	2015	8		7017-7031	**ISI**	http://www.mdpi.com/1996-1944/8/10/5356
92.	**Ibrahim M. Alarifi**	Synthesis, Analysis and Simulation of Carbonized Electrospun Nanofibers Infused Carbon Prepreg Composites for Improved Mechanical and Thermal Properties	Fibers and Polymers	2016	17		1449-1455	**Scopus**	https://link.springer.com/article/10.1007/s12221-016-6179-3
93.	**Ibrahim M. Alarifi**	Integrating Graphene and C60 into TiO2 Nanofibers via Electrospinning Process for the Enhanced Energy Conversion Efficiencies	Macromolecular Symposia, Spring	2016	365		128-139	**Scopus**	http://onlinelibrary.wiley.com/doi/10.1002/masy.201650006/abstract

94.	**Ibrahim M. Alarifi**	Highly Hydrophilic Electrospun Polyacrylonitrile / Polyvinypyrrolidone Nanofibers Incorporated with Gentamicin as Filter Medium for Dam Water and Wastewater Treatment	Journal of Membrane and Separation Technology	2016	5		38-56	-	http://www.lifesciencegloba l.com/pms/index.php/jmst/article/view/3966
95.	**Ibrahim M. Alarifi**	Carbonized Electrospun PAN Nanofibers as Highly Sensitive Sensors in SHM of Composite Structures	Journal of Applied Polymer Sciences	2015	10.1002		43235	-	http://onlinelibrary.wiley.com/doi/10.1002/app.43235/abstract
96.	**Ibrahim M. Alarifi**	Synthesis and Analysis of Electrospun SrTiO3 Nanofibers with NiOX Nanoparticles Shells as Photocatalysts for Water Splitting	Macromolecular Symposia, Spring	2016	365		246-257	**Scopus**	http://onlinelibrary.wiley.com/doi/10.1002/masy.201650004/full
97.	**Ibrahim M. Alarifi**	Training the Engineering Students on Nanofiber-based SHM Systems	Transactions on Techniques in STEM Education	2016	1		59-67	-	https://www.asee.org/documents/zones/zone3/2015/Training-the Engineering-Students-on-Nanofiber-based-SHM-Systems.pdf
98.	**Ibrahim M. Alarifi**	Effects of UV Light on Mechanical Properties of Carbon Fiber Reinforced PPS Thermoplastic Composites	Macromolecular Symposia, Spring	2016	365		157-168	**Scopus**	http://onlinelibrary.wiley.com/doi/10.1002/masy.201650015/full
99.	**Ibrahim M. Alarifi**	Mechanical and Thermal Properties of Carbonized PAN Nanofibers Cohesively Attached to Surface of Carbon Fiber Reinforced Composites	Macromolecular Symposia, Spring	2016	365		140-150	**Scopus**	http://onlinelibrary.wiley.com/doi/10.1002/masy.201650003/abstract
100.	**Ibrahim M. Alarifi**	Synthesis and Characterization of Electrospun Polyacrylonitrile/Graphene Nanofibers Embedded with SrTiO3 /NiO Nanoparticles for Water Splitting	Journal of Nanoscience and Nanotechnology	2017	17		1-9	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jnn/2017/00000017/00000008/art00020
101.	**Saleh Ahmed Aldahash**	Optimum manufacturing parameters in selective laser sintering of PA12 with white cement additives	The International Journal of Advanced Manufacturing Technology	January 2018				**ISI**	https://link.springer.com/article/10.1007%2Fs00170-018-1584-y
102.	M. N. Khan, I. Tlili, W. A. Khan	Forced Convection of Nanofluid Flow Across Horizontal Elliptical Cylinder with ConstantHeat Flux Boundary Condition	Journal of Nanofluids	2019	8	2		**ISI**	M. N. Khan, I. Tlili, W. A. Khan

103.	Mohammad Kashif Uddin, Rifaqat Ali Khan Rao, **Kotturu V. V. Chandra Mouli**	The artificial neural network and Box-Behnken design for Cu2+ removal by the pottery sludge from water samples: Equilibrium, kinetic and thermodynamic studies	Journal of Molecular Liquids	2018	266	15 September 2018	617-627	**ISI**	https://www.sciencedirect.com/search?authors=Kotturu&pub=Journal%20of%20Molecular%20Liquids&show=25&sortBy=relevance&origin=jrnl_home&zone=search&cid=271359
104.	IM Alarifi, WS Khan, R Asmatulu	Synthesis of electrospun polyacrylonitrile derived carbon fibers and comparison of properties with bulk form	Plos One	2018	13	9/8/2018	1932-6203	**IS**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0201345
105.	Ibrahim M Alarifi, R Alharbi Abdulaziz, MN Khan, S Khan Waseem, Ramazan Asmatulu	Water treatment using electrospun PVC/PVP nanofibers as filter medium	International Journal of Material Science and Research	2018	1	2018/8/5	2638-1559	**NONE**	https://madridge.org/journal-material-science-research/IJMSR-1000107.pdf

2. Conferences

No.	Authors	Article Title	Name of Conference	Year	Number	Country	Link of Paper
1.	**Abdullah A. Alabdulkarim**, Peter D. Ball, and Ashutosh Tiwari	Examining the Effect of Spare Parts and Labour Availability as Maintenance System Constraints on Different Monitoring Levels	Proceedings of the Operational Research Society Simulation Workshop 2012 (SW12)	2012	192-199	Birmingham, UK	
2.	Abdullah Alrabghi, Ashutosh Tiwari, and **Abdullah A. Alabdulkarim**	Simulation Based Optimization of Joint Maintenance and Inventory for Multi-Components Manufacturing Systems	Proceedings of the 2013 Winter Simulation Conference (WSC)	8-11 December, 2013	1109-1119	Washington DC, USA	
3.	**Abdullah A. Alabdulkarim**, Peter D. Ball, and Ashutosh Tiwari	Rapid Modeling of Field Maintenance Using Discrete Event Simulation	Proceedings of the 2011 Winter Simulation Conference (WSC)	11-14 December, 2013	637-646	Arizona, USA	
4.	**Abdullah A. Alabdulkarim** and Peter D. Ball,	Selecting the Appropriate Product Monitoring Levels for Maintenance Operations: A Simulation Approach	Proceedings of the 2014 Winter Simulation Conference (WSC)	December, 2014	TBA	Georgia, USA	
5.	**Abdullah A. Alabdulkarim**	Simulating different levels of car class upgrades in a car rental company's operations	Proceedings of the 2018 Winter Simulation Conference	December, 2018		Sweden	

6.	**Ehab A. Abdelhafiez and Fahd A. Alturki**	A Shaking Optimization Algorithm for Solving Job Shop Scheduling Problem	The 40th International Conference of Computer and Industrial Engineering (CIE40), published by IEEE	25-28 July, 2010	CIE400SA-1	Awaji Island, Japan	
7.	**Ehab A. Abdelhafiez**, and Fahd A. Alturki	A New Optimization Algorithm for Solving NP-hard Problems, Case of Job Shop Scheduling	International Conference on Mechanical and Electrical Technology (ICMET 2010), IEEE-, EI-, and ISI indexed	10-12 September, 2010	V033	Singapore	
8.	**Fahd A. Alturki and Ehab A. Abdelhafiez**	A Hybrid Pattern Search Method for Solving Unconstrained Optimization Problems	2012 IEEE fifth International Conference on Advanced Computational Intelligence (ICACI)	18-20 October, 2012	0073	Nanjing, China	
9.	**Ehab A. Abdelhafiez and Tawfeeq Alkanhal**	New Optimization Approach for Scheduling the Batch Heat Treatment Process with Sequence Dependent Setup Times	Proceedings of the IASTED International Conference, Artificial Intelligence and Applications (AIA 2013)	11-13 February, 2013	793-040	Innsbruck, Austria	
10.	S. A. Karrab, M. A. Doheim, Mohamed S. Mohammed and **S. M. Ahmed**	Effect of Electroless Ni-Co-P and Co-P Coatings on Cavitation Erosion Resistance	Proceedings TMS Middle East - Mediterranean Materials Congress on Energy and Infrastructure Systems (MEMA 2015) (eds I. Karaman, R. Arróyave and E. Masad), John Wiley &Sons, Inc.	11-14 January, 2015	doi: 10.1002/9781119 090427.ch9	Hoboken, NJ, USA.	
11.	**T. M. EL-Bagory**, M. Younan and H. Sallam	Mechanical Behavior of Welded and Un-Welded Polyethylene Pipe Materials	Proceedings of the ASME 2013 Pressure Vessels & Piping Division / K-PVP Conference	14-18 July, 2013	PVP 2013-97743	Paris, France	
12.	**T. M. EL-Bagory**, M. Younan and H. Sallam	Evaluation of Fracture Toughness Behavior of Polyethylene Pipe Materials	Proceedings of the ASME 2014 Pressure Vessels & Piping Division / K-PVP Conference	20-24 July, 2014	PVP 2014-28407	Anaheim California, USA	
13.	**T. M. EL-Bagory**, **Tawfeeq A. Alkanhal** and Younan, M.A	Effect of Specimen Geometry on the Predicted Mechanical Behavior of Polyethylene Pipe Material	Proceedings of the ASME 2014 Pressure Vessels & Piping Division / K-PVP Conference PVP 2014	20-24 July, 2014	PVP 2014-28407	Anaheim California, USA	
14.	**T. M. EL-Bagory,** Sallam, H.E.M. and Younan, M.A.	Validation of Linear Elastic Fracture Mechanics in Predicting the Fracture Toughness of Polyethylene Pipe Materials	Proceedings of the ASME 2015 Pressure Vessels & Piping Division / K-PVP Conference PVP 2015	19-23 July, 2015	PVP 2015- 45651	Boston, Massachusetts, USA	
15.	**T. M. EL-Bagory** and Younan, M.A.	Crack Growth Behavior of Pipes Made from Polyvinyl Chloride Pipe Material	Proceedings of the ASME 2015 Pressure Vessels & Piping Division / K-PVP Conference PVP 2015	19-23 July, 2015	PVP 2015- 45657	Boston, Massachusetts, USA	

16.	**Wseeem S. Khan**	Co-Axial Electrospinning of Strontium Titanata Nanofibers Associated with Nickel Oxide Nanoparticles for Water Splitting	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	26-29 October, 2015	CAMX 2015	Dallas, Texas, USA	
17.	**Wseeem S. Khan**	Thermal and Electrical Properties of Carbonized Pan Nano-Fibers for Improved Surface Conductivity of Carbon Fiber Composites	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	26-29 October, 2015	CAMX 2015	Dallas, Texas, USA	
18.	**Vakkar Ali**	A Study of Aerodynamic Drag on the Body of Indian Maruti Esteem Car	International Conference on Innovative Research in "Mechanical, Electrical, Electronics, Civil, Computer Science and Information Technology"	16th,17th May, 2015	MECIT-2015	New Delhi, India	
19.	**Ibrahim Alarifi**	Nanocomposite Sealants for the Edge and Hole Treatment of Aircraft Carbon Fiber Composites	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	27th-29th October	CAMX 2015	Dallas, Texas, USA	
20.	**Ibrahim Alarifi**	Co-Axial Electrospinning of Strontium Titanata Nanofibers Associated with Nickel Oxide Nanoparticles for Water Splitting	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	26th-29th October, 2015	CAMX 2015	Dallas, Texas, USA	
21.	**Ibrahim Alarifi**	Training the Engineering Students on Nanofiber-based SHM Systems	The 2015 ASEE Zone III Conference	23th-25th September	ASEE 2015	Springfield, MO USA	
22.	**Ibrahim Alarifi**	Electrospun Strontium Titanata Incorporated with Nickel Oxide Nanoparticles for Improved Photocatalytic Activities	SPIE Smart Structures/Non-destructive Evaluation Conference	8th -12th March	SPIE 2015	San Diego, CA USA	
23.	**Ibrahim Alarifi**	Electrospun TiO2 Nanofibers Incorporated with Graphene Nanoflakes for Energy Conversion	SPIE Smart Structures/Non-destructive Evaluation Conference	8th -12th March	SPIE 2015	San Diego, CA USA	
24.	**Ibrahim Alarifi**	Electrospun Nanofibers for Improved Electrical Conductivity of Fiber Reinforced Composites	SPIE Smart Structures/Non-destructive Evaluation Conference	8th -12th March	SPIE 2015	San Diego, CA USA	
25.	**Ibrahim Alarifi**	Thermal and Electrical Properties of Carbonized PAN Nanofibers for Improved Surface Conductivity of Carbon Fiber Composites	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	27th-29th October	CAMX 2015	Dallas, Texas, USA	
26.	**Ibrahim M. Alarifi**	Comparative Studies on Different Nanofiber Photocatalysts for Water Splitting	SPIE Smart Structures/Non-destructive Evaluation Conference	20th-24th March	SPIE 2016	Las Vegas, NV USA	

27.	**Ibrahim M. Alarifi**	Effects of Silanized Graphene Nanoflakes on Mechanical Properties of Carbon Fiber Reinforced Laminate Composites	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	26th-29th September	CAMX 2016	Anaheim, CA USA	
28.	**Ibrahim M. Alarifi**	Improving the Strengths of Metal-metal Bonding via Inclusion of Graphene Nanoflakes into Adhesive Joints	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	26th-29th September	CAMX 2016	Anaheim, CA USA	
29.	**Ibrahim M. Alarifi**	Highly Robust Electrospun Nanofiber Films for Design of MAV Wings	The Composites and Advanced Materials Exposition (CAMX) Conference Proceedings	26th-29th September	CAMX 2016	Anaheim, CA USA	
30.	**Ibrahim M. Alarifi**	Comparative Studies on Different Nanofiber Photocatalysts for Water Splitting	SPIE Smart Structures/Non-destructive Evaluation Conference	20th-24th March	SPIE 2016	Las Vegas, NV USA	
31.	**Ibrahim M. Alarifi**	Effects of Edge Grinding and Sealing on Mechanical Properties of Machine Damaged Laminate Composites	SPIE Smart Structures/Non-destructive Evaluation Conference	20th-24th March	SPIE 2016	Las Vegas, NV USA	
32.	**Ibrahim M. Alarifi**	Fabrication and Characterization of Carbonized Polyacrylonitrile Nanofibers for Composite Aircraft and Wind Turbine Manufacturing	12th GRASP Symposium, Wichita State University	29th April	GRASP 2016	Wichita, KS USA	
33.	**Ibrahim M. Alarifi**	Highly hydrophilic electrospun polyacrylonitrile polyvinypyrrolidone nanofibers incorporated with gentamicin as filter mediums for drinking and wastewater treatments	12th GRASP Symposium, Wichita State University	29th April	GRASP 2016	Wichita, KS USA	
34.	**عبدالله بن عبد المحسن العبد الكريم, طارق محمد أحمد علي الباجوري, جهاد جاسر محمد الناهض, ثامر حسام ناصر العرفج**	**استخدام الطاقات المتجددة في التسهيل من أداء مناسك الحج على جسر الجمرات**	**الملتقى العلمي السادس عشر لأبحاث الحج والعمرة والزيارة, مكة المكرمة- المملكة العربية السعودية**	**جمادى الأولى 1437هـ- 2016**	**الرمز المرجعي: 1437373**	**المملكة مكة المكرمة - العربية السعودية**	
35.	Tarek EL-Bagory A Maher Ibrahim Alarifi	Failure Analysis of Ring Hoop Tension Test (RHTT) Specimen under Different Loading Conditions	ASME 2018 Pressure Vessels & Piping Division / K-PVP Conference PVP 2018	2018		Czech Republic	

3. Book/Book Chapter

No.	Author	Title of Book	Publisher Name	Year	Vol.	pp.	ISBN
1	**S. Chandra**	Maintenance Engineering and Management	Katson Publication	2014			978-93-5014-224-0
2	**Waqar A. Khan**	Engineering Thermodynamics	LAP LAMBERT Academic Publishing	2017			978-3-330-05645-9
3	**Ibrahim M. Alarifi**	Semiconductor Nanofibers for Water Splitting and Energy Conversion	in Advances in Materials Science Research, Nova Science Publishers	2015	21	133-156	
4	**Ibrahim M. Alarifi**	Structural Health Monitoring of Composite Aircraft	in Advances in Materials Science Research, Nova Science Publishers	2015	21	111-132	
5	**Ibrahim M. Alarifi**	Mitigation Of Lightning Strikes On Composite Aircraft Via Micro And Nanoscale Materials	in Advances in Materials Science Research, Nova Science Publishers	2017	20	39-66	

4. Patents

No.	Author	Title of Patent	Country	Patent Number	Year
1	**Tarek EL-Bagory**	Special Pre-Crack Machine for Water and Natural Gas Piping Systems	King Abdul-Aziz City for Science and Technology, KSA	4406	2015

Electrical Engineering Department

1. Journals

No.	Authors	Article Title	Journal Name	Year	Volume	Issue	PP.	ISI/ SCOPUS	Link of Paper
1.	M. Abu Shattal and **Abdel-Rahman Al-Qawasmi**	The Effect of Interference on Bluetooth Data Exchange over WLAN	WSEAS Transactions on Communications	October, 2012	11	10	375-384	**SCOPUS**	http://www.wseas.org/multimedia/journals/communications/2012/55-425.pdf

2.	**Al-Qawasmi A.K** and Omar A.M. Aly	Low-Complexity FEC Encoding Technique Based Special Selected Codes	International Journal for Research and Development, in Technology	January, 2016	3	1	18-24	-	http://ijrdt.org/full_paper/96/12/Low-Complexity-FEC-Encoding-Technique-Based-Parity-Selected-Codes
3.	Ibrahim N. Abu Isbeih, **Abdel-Rahman Al-Qawasmi** and Nid'a Al-Shaf'i	Prove the Harm of Cell Phone via Biological Experiments	Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)	2016	7	3	Accept.	**SCOPUS**	https://www.rjpbcs.com/2016_7.3.html
4.	**Ahmed G. Abo-Khalil**	Design and Simulation of a Grid-Connected Photovoltaic System for the EE Department Building in Assiut University	Journal of Engineering Sciences, JES	September, 2012	40	5	1389-1397	-	http://www.aun.edu.eg/journal_files/89_J_6365.pdf
5.	**Ahmed G. Abo-Khalil** and Hammad Ab-Zied	Modelling and Simulation of a Grid-Connected Photovoltaic System for an Middle-Class Apartment in New Assiut City	Journal of Engineering Sciences, JES	November, 2012	40	6	1747-1757	-	http://www.aun.edu.eg/journal_files/90_J_1372.pdf
6.	**Ahmed G. Abo-Khalil** and Hammad Ab-Zied	Design and Control of Large Scale Photovoltaic System for High Power Applications	International Journal of Control, Automation and Systems	April, 2013	2	1	1-7	**SCOPUS**	http://researchpub.org/journal/jac/number/vol2-no1/vol2-no1-3.pdf
7.	**Ahmed G. Abo-Khalil** and Byunggyu Yu	A Current Sensor-Less Maximum Power Point Tracking Method for PV System	International Journal of Advancements in Computing Technology (IJACT)	July, 2013	5	11	358-364	-	http://hobbydocbox.com/Radio/67136592-A-current-sensor-less-maximum-power-point-tracking-method-for-pv.html
8.	**Ahmed G. Abo-Khalil** and Byunggyu Yu	Wind Turbine Simulator Development Using a Separately Excited DC Motor	International Journal of Advancements in Computing Technology (IJACT)	July, 2013	5	11	347-357	-	http://hobbydocbox.com/Radio/67136592-A-current-sensor-less-maximum-power-point-tracking-method-for-pv.html
9.	**Ahmed Galal Abokhalil** and **Sameh Ahmed**	Water-Pumping using Powered Solar System - More than an Environmentally Alternative: The Case of Toshka, Egypt	Journal of Energy and Natural Resources	February, 2016	5	1	19-25	-	http://www.sciencepublishinggroup.com/journal/paperinfo?journalid=167&doi=10.11648/j.jenr.s.2016050101.14

10.	**A. Abokhalil**	A Grid-Connected Photovoltaic System with an Irradiance Estimator and Maximum Power Point Tracker using Support Vector Machines	International Journal of Engineering Science and Research Technology [IJESRT]	26th October 2016	4	2	15-20	-	http://www.ijesrt.com/issues%20pdf%20file/Archive-2016/October-2016/71.pdf
11.	**G. Fahmy**	Joint Watermarking and Compression for Images in Transform Domain	International Journal of Modern Engineering Research	July-Aug., 2012	2	4	2341-2351	-	http://www.ijmer.com/pages/vol2-issue4.html
12.	**G. Fahmy**	Shift Variance Behavior for Different Sub-Band Coding Systems, Biorthogonal, Orthogonal and Bspline Wavelets	International Journal of Modern Engineering Research	July-Aug., 2012	2	4	2331-2340	-	https://www.semanticscholar.org/paper/Shift-variance-behavior-for-different-sub---band-c-Fahmy/52b51ff1087ab7ee6240e2e5ccf29cb31503c2a9
13.	M. F. Fahmy and **G. Fahmy**	Exponential Spline Perfect Reconstruction Decomposition with Applications in Compression and De-noising	Journal of Signal, Image and Video Processing Springer	September, 2014	8	6	1111-1120	-	https://link.springer.com/article/10.1007/s11760-014-0640-9
14.	**Ahmed Bilal** and **Ahmed Galal Abokhalil**	Feasibility and Estimation of Technical Potential and Calculation of Payback Period of Roof-Top Solar PV System in the City of Majmaah, Province of Riyadh, K.S.A	Journal of Energy and Natural Resources	January, 2016	5	1	12-18	-	http://www.sciencepublishinggroup.com/journal/paperinfo?journalid=167&doi=10.11648/j.jenr.s.20160501013
15.	**Ahmed-Bilal Awan**	Renewable Energy: A Solution to Hazardous Emissions.	Journal of Energy and Natural Resources. Special Issue: Electrical Power Resources: Coal Versus Renewable Energy	February, 2016	5	1	6-11	-	http://www.sciencepublishinggroup.com/journal/paperinfo?journalid=167&doi=10.11648/j.jenr.s.20160501012
16.	**Ahmed-Bilal Awan**	A Low-Cost PMSG Topology and Control Strategy for Small-Scale Wind Power Generation Systems	International Journal of Engineering Sciences & Research Technology	October 2016	4	2	10-15	-	http://www.ijesrt.com/issues%20pdf%20file/Archive-2016/October-2016/71.pdf
17.	**E. M. Barhoumi** ,F. Wurtz, C. Chillet, B. Ben Salah and O. Chadebec	Efficient Reluctance Network Formulation for Modeling Design and Optimization of Linear Hybrid Motor,	IEEE Transactions on Magnetics	March, 2016	52	3		**ISI**	http://ieeexplore.ieee.org/document/7314928/?section=abstract
18.	**Mohammad Abdul Baseer**	Travelling Waves for Finding the Fault Location in Transmission Lines	JEEE Science PG	April, 2013	1	1	1-19	-	http://article.sciencepublishinggroup.com/pdf/10.11648.j.jeee.20130101.11.pdf

19.	**Mohammad Abdul Baseer**	Transient Stability Improvement of Multi-machine Power System using Fuzzy Controlled TCSC	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	January, 2014	9	1	28-40	-	http://www.iosrjournals.org/iosr-jeee/Papers/Vol9-issue1/Version-1/D09112840.pdf
20.	**Mohammad Abdul Baseer** and **Hussam Habibeh**	Reactive Power Correction using Distributed Static Synchronous Compensator	Elixir Electrical Engineering	June, 2014	71	-	25021-25027	-	http://www.elixirpublishers.com/index.php?route=articles/category&path=323_324&sort=a.title&order=DESC&page=8
21.	**Muhammad Zubai**, Memoon Sajid Yang Hoi Doh, Kyoung-Hoan Na and Kyung Hyun Choi	Flexible Large Area Organic Light Emitting Diode Fabricated by Electrohydrodynamics Atomization Technique	Journal of Materials Science: Materials in Electronics	September, 2015	26	9	7192-7199	**ISI**	https://link.springer.com/journal/10854
22.	**Mohammad Abdul Baseer**, Rahul Sharma and Siva Agora	The Improvement on the System Robustness through Power Management System	International Journal of Latest Research in Science and Technology	September, 2014	3	5	153-154	-	http://www.mnkpublication.com/journal/ijlrst/index.php
23.	Siva Agora Sakthivel Murugan k. and **Mohammad Abdul Baseer**	Experimental Study of Photo Voltaic Systems and Converter	International Journal of Electrical and Electronics Engineering Research	February, 2015	5	1	107-110	-	http://www.tjprc.org/publishpapers/--1422702194-9.%20%20Electrical%20-IJEEER%20-EXPERIMENTAL%20STUDY%20OF%20PHOTO%20%20-%20Siva%20Agora%20Sakthivel%20Murugan.pdf
24.	K. Siva Agora Sakthivel Murugan, **Mohammad Abdul Baseer** and R. Jothin	Experimental Study of Photo Voltaic Systems and Converters	Middle-East Journal of Scientific Research IDOSI	March, 2015	23	4	652-655	-	http://www.idosi.org/mejsr/mejsr23(4)15/14.pdf
25.	**Mohammad Abdul Baseer**, **Ahmed Galal Abo Khalil** and Siva Agora Sakhtivel Murugan	Positioning and Adjusting the Frequencies of the Rotor in Permanent Magnet Synchronous Machine to Achieve High Performances	International Journal of Applied Engineering Research	March, 2015	10	59	379-386	**SCOPUS**	https://www.ripublication.com/Volume/ijaerv10n59spl.htm
26.	**Ahmed Bilal** Awan, Naveed Ahmed Khan, Anzar Mahmood, Sohail Razzaq, Adnan Zafar, Guftaar Ahmed Sardar Sidhu,	Combined emission economic dispatch of power system including solar photo voltaic generation	Energy Conversion and Management	2015	92		82-91	**ISI**	https://www.sciencedirect.com/science/article/pii/S0196890414010644

27.	**E. M. Barhoumi**, **Y. Berrouche, A. G. Abou Khalil,** F. Wurtz,	Analysis and Comparison of End Effects in Linear Switched Reluctance and Hybrid Motors	Journal of Electrical Engineering, ISSN 1335-3632,	Feb., 2017	2	3	15-25	**ISI**	https://www.sciencedirect.com/science/article/pii/S0196890414010644
28.	**M. Barhoumi**, I. Ben Belgacem, **Y. Berouche**, **A. Galal**, **A. Al Muhaisen**	New Efficient Method for Engineering Education Analysis and Implementation, E.	International Journal of Education, Development, Society and Technology (IJEDST	Feb., 2017	1	5	1-6	-	http://www.ijedst.org/home/papers-published/ijedst-2017-volume-5-issue-1?tmpl=%2Fsystem%2Fapp%2Ftemplates%2Fprint%2F&showPrintDialog=1
29.	**El Manaa Barhoumi and Youcef Berrouche**	Design and Modeling of a Linear Permanent Magnet Generator for Tidal Energy Conversion,	International Journal of Renewable Energy Research (IJRER)	May 2017	2	1	15-20	**ISI**	http://www.ijrer.org/ijrer/index.php/ijrer/article/view/6325/pdf
30.	**M.A. Baseer, Praveen R.P, A. Galal Abo Khalil, Youcef and Manaa**	Localisation of Fault Using Travelling Wave Theory Based on Multi-End System	International Journal of Applied Engineering Research	Sept 2017	17	12	6504-6513	**SCOPUS**	https://www.ripublication.com/ijaer17/ijaerv12n17_28.pdf
31.	Omar K. **M. Ouda**, Samir El-Nakla, Chedly B. Yahya, Helen. P. Peterson, Mohamed Ouda	Energy Conservation Awareness among Residential Consumers in Saudi Arabia	International Journal of Computing and Digital Systems	Nov. 2017	6	6	350-355	-	http://journals.uob.edu.bh/IJCDS/contents/volume1082/articles/article-5392
32.	Habab Habib Alshammary, **Abdel-Rahman Al-Qawasmi**	Analytic comparison of using FFT and wavelet in IEEE 802.11.a WLAN based OFDM technique	Advanced Electrical and Electronics Engineering and Scientific Journal (AEEESJ)	2017	1	1	8-17	-	http://www.aeeesj.com/wp-content/uploads/2016/10/AEEESJ28316-2-4.pdf
33.	**AbdelRahman Al Qawasmi**	Optimisation of Energy Efficiency in MU Buildings using WSAN	Advanced Electrical And Electronics Engineering And Scientific Journal (AEEESJ)	2017	1	1	23-30	-	http://www.aeeesj.com/wp-content/uploads/2016/10/AEEESJ28316-5-1.pdf
34.	**F. KALLEL** and A. Ben Hamida	A new adaptive gamma correction based algorithm using DWT-SVD for non-contrast CT image enhancement	IEEE Transactions on Nano Bioscience	2017	16	8	666 - 675	**ISI**	http://ieeexplore.ieee.org/document/8101512/
35.	F. KALLEL and A. Ben Hamida **Fathi Kallel** · Mouna Sahnoun, Ahmed Ben Hamida, Khalil Chtourou	CT scan contrast enhancement using singular value decomposition and adaptive gamma correction	Signal, Image and Video Processing	2017	accepted	https://doi.org/10.1007/s11760-017-1232-2		**ISI**	https://doi.org/10.1007/s11760-017-1232-2

36.	**Ahmed Bilal awan** and Zeeshan Ali Khan	Recent progress in renewable energy – Remedy of energy crisis in Pakistan	Renewable and Sustainable Energy Reviews	2014	33	ISSN 1364-0321	236-253	**ISI**	https://www.sciencedirect.com/science/article/pii/S1364032114001154
37.	**Yazeed mohammad qasaymeh, abdullah alahmadi,** mohammadariff othman	A novel herringbone circularly polarized quasi lumped antenna array	The applied computational electromagnetics society	2017	Accepted			**ISI**	https://link.springer.com/article/10.1007/s11760-017-1232-2
38.	**Praveen R.P**., Greeshma Chandran	Design and Development of Control Electronics for Space Rover Hip Yaw Joint Application	International Journal of Applied Engineering Research, ISSN 0973-4562	Dec.2017	12	22	12108-12118	**SCOPUS**	https://www.ripublication.com/ijaer17/ijaerv12n22_47.pdf
39.	Praveen R. P., Mohammad Abdul Baseer, Ahmed Bilal Awan and Muhammad Zubair	Performance analysis and optimization of a parabolic trough solar power plant in the middle east region	Energies	2018	11	4	741	**ISI**	http://www.mdpi.com/1996-1073/11/4/741/htm
40.	Ahmed Bilal Awan, Muhammad Zubair, Praveen R. P. and Ahmed G. Abokhalil	Solar Energy Resource Analysis and Evaluation of Photovoltaic System Performance in Various Regions of Saudi Arabia	Sustainability	2018	10	4	1129	**ISI**	http://www.mdpi.com/2071-1050/10/4/1129/htm
41.	Muhammad Zubair, Ahmed Bilal Awan, RP Praveen	Analysis of photovoltaic arrays efficiency for reduction of building cooling load in hot climates	Building Services Engineering Research and Technology	2018	1	1	1-16	**ISI**	http://journals.sagepub.com/doi/abs/10.1177/0143624418780633
42.	Muhammad Zubair, Ahmed Bilal Awan, Abdullah Al-Ahmadi, Ahmed G. Abo-Khalil	NPC Based Design Optimization for a Net Zero Office Building in Hot Climates with PV Panels as Shading Device	Energies	2018	11	6	1391	**ISI**	http://www.mdpi.com/1996-1073/11/6/1391
43.	Ahmed Galal Abo-Khalil, Ahmed Bilal Awan, Abdel-Rahman Al-Qasami	Comparative Study of Passive and Active Islanding Detection Methods for PV Grid-Connected Systems	Sustainability	2018	10	6	1798	**ISI**	http://www.mdpi.com/2071-1050/10/6/1798
44.	Amna Malik, Zain Ali, Ahmed Bilal Awan, Ahmed Galal Abo-Khalil	Achieving Cost Minimization and Fairness in Multi-Supplier Smart Grid Environment	Energies	2018	11	6	1367	**ISI**	http://www.mdpi.com/1996-1073/11/6/1367?type=check_update&version=1
45.	Abdel-Rahman Al-Qawasmi, I Tlili	Energy efficiency and economic impact investigations for air-conditioners using wireless sensing and actuator networks	Energy Reports/ Elsevier	17 August 2018.	4	November 2018	478-485	**ISI**	https://goo.gl/5hrymT

2. Conference

No.	Authors	Article Title	Name of Conference	Year	Number	Country	Link of Paper
1.	**Ahmed G. Abo-Khalil** and Hammad Ab-Zied	Sensorless Control for DFIG Wind Turbines Based on Support Vector Regression	Industrial Electronics Conference IECON, Canada ISBN:978-1-4673-2420-5	October, 2012	ISSN: 1553-572x	Canada	

2.	**Ahmed G. Abo-Khalil** and Hammad Ab-Zied	A Novel High-Frequency Converter for Induction Heating Systems	Middle East Power Conference Mepcon, Egypt	December, 2012	978-1-4673-6080-7	Egypt	
3.	**Ahmed G. Abo-Khalil** and Byunggyu Yu	Current Estimation-Based Maximum Power Point Tracker of Grid Connected PV	Power Electronics and Drives Systems (PEDS), Japan ISBN:978-1-4673-1791-7	2012	ISSN: 2164-5256	Japan	
4.	**Ahmed G. Abo-Khalil** and **Sameh S. Ahmed**	A New Approach to Improve the Energy Efficiency of Middle-East Buildings	7th Conference of Future of Renewable and New Energy in the Arab World, Assiut University	12-14 February, 2013	-	Assiut, Egypt	
5.	Omar A. M. Aly**, Abdel-Rahman Al-Qawasmi** and **Ahmed G. Abo-Khalil**	Noise Immune Spectrum Sensing Algorithm for Cognitive Radio	IEEE 30th National Radio Science Conference (NRSC 2013)	16-18April, 2013	978-1-4673-6222-1	Cairo, Egypt	
6.	**Ahmed G. Abo-Khalil**, **Abdel-Rahman Al-Qawasmi** and Omar A. M. Aly	A Novel Islanding Detection Method for Three-Phase Photovoltaic Generation Systems	Applied Electrical Engineering and Computer Technologies (AEECT)	December, 2013	1569797849	Jordan	
7.	**Ahmed G. Abo-Khalil**	Sensorless Gradient Approximation Controller for Maximum Power Point Tracking of Grid Connected PV System	Middle East Power System Conference MEPCON 2015	15-17 Dec. 2015	325	El Mansoura, Egypt	
8.	**Omar A. M. Aly**	Two-Stage Spectrum Sensing Algorithm for Low Power Signals in Cognitive Radio	The Second Saudi International Electronics, Communications and Photonics Conference SIECPC'13	30-27 April, 2013	978-1-4673-6195-8	Riyadh, KSA	
9.	**G. Fahmy** and M. Ihle	B-Spline Based Perfect Reconstruction of Non-Band Limited Signals through Noisy Sensors	IEEE International Symposium for Signal Processing and Information Technology	December, 2013	Under Review	Athens	
10.	M. F. Fahmy, **G. Fahmy** and O. F. Fahmy	Image Enhancement using E-Spline Functions	IEEE International Symposium for Signal Processing and Information Technology	December, 2013	Under Review	Athens	
11.	**Youcef Berrouche**, **Ahmed G. Abo-Khalil** and **Abdullah Almuhaisen**	Quebec: a Source of More than 5000MW of Clean Sustainable Energy Using Salinity Gradient Power Technology	International Conference on Sustainable Mobility Applications, Renewables and Technology (SMART2015)	November 23-25, 2015,	52	Kuwait	
12.	M. I. Hussein; Ali Hakam and **Mohamed Ouda**	Planar Ultra-Wideband Elliptical Antenna for Communication Applications	IEEE Wireless Communications and Networking Conference (WCNC'16)	Qatar, 3-6 April, 2016.	Accepted	Doha	
13.	M. I. Hussein; Ali Hakam; **Mohamed Ouda**; Raed Shubair	Compact Low-Profile Planar Elliptical Antenna for UWB Applications.	The 10th European Conference on Antennas and Propagation	10-15 April, 2016	Accepted for presentation in	Switzerland	

14.	Ali Hakam, M. I. Hussein, **Mohamed Ouda**, Raed Shubair and Elham Serria	Novel Circular Antenna with Elliptical Rings for Ultra-Wide-Band	The 10th European Conference on Antennas and Propagation	10-15 April, 2016	Accepted for presentation in	Switzerland	
15.	Samir El-Nakla, Chedly B. Yahya, Helen. P. Peterson, Omar K. M. Ouda , **Mohamed Ouda**	"Residential Consumers Awareness of Energy Conservation Practices in Saudi Arabia."	The 9th IEEE GCC Conference & Exhibition Gulf	8-11 May 2017	Accepted for presentation i	Manama, Bahrain	
16.	Greeshma Chandran, JyothiEngg. Coll., Thrissur, India, Sandip Das and **R. P. Praveen**	Development of Control Electronics of a PMBLDC Motor for Hip Yaw Joint of a Space Rover Application	Emerging Research Areas: Magnetics, Machines and Drives (AICERA/iCMMD), 2014 Annual International Conference	24-26 July, 2014	14619070	Kottayam	
17.	**Mohammad Abdul Baseer**	Muti- Criteria Supplier Selection using Fuzzy Promethee Method	2nd Global Virtual Conf. Conducted in Groce. Delechev. University Macedonia and Thomson Ltd.	7-11April, 2014	Accepted	Slovakia	
18.	M. I. Hussein; Ali Hakam and **Mohamed Ouda**	Planar Ultra-Wideband Elliptical Antenna for Communication Applications	IEEE Wireless Communications and Networking Conference (WCNC'16)	Qatar, 3-6 April, 2016.	-	Doha	
19.	M. I. Hussein; Ali Hakam; **Mohamed Ouda**; Raed Shubair	Compact Low-Profile Planar Elliptical Antenna for UWB Applications.	The 10th European Conference on Antennas and Propagation	10-15 April, 2016	-	Switzerland	
20.	Ali Hakam, M. I. Hussein, **Mohamed Ouda**, Raed Shubair and Elham Serria	Novel Circular Antenna with Elliptical Rings for Ultra-Wide-Band	The 10th European Conference on Antennas and Propagation	10-15 April, 2016	-	Switzerland	
21.	Samir El-Nakla, Chedly B. Yahya, Helen. P. Peterson, Omar K. M. Ouda , **Mohamed Ouda**	"Residential Consumers Awareness of Energy Conservation Practices in Saudi Arabia."	The 9th IEEE GCC Conference & Exhibition Gulf	8-11 May 2017	978-1-5386-2756-3	Manama, Bahrain	
22.	Samir El-Nakla, Chedly B. Yahya, Helen. P. Peterson, Omar K. M. Ouda , **Mohamed Ouda**	"Renewable Energy in Saudi Arabia: Current Status, Initiatives and Challenges."	The 9th IEEE GCC Conference & Exhibition Gulf	8-11 May 2017	978-1-5386-2756-3	Manama, Bahrain	
23.	**Praveen R.P., Mohammed Abdul Baseer**	"Design ,Performance analysis and optimization of a 100MW Concentrated solar power plant with thermal energy storage	2018 IEEE Internal Conference on Current Trends towards Converging Technologies	1-3 March 2018	Accepted Paper	Coimbatore, India	

3. Books

No.	Author	Title of Book	Publisher Name	Year	ISBN
1.	**Ahmed G. Abo-Khalil**	Impacts of Wind Farms on Power System Stability Wind Farm	Intech Open Science Europe	2013	980-953-307-562-9
2.	**Mohammad Abdul Baseer**	Electrical Machines	LAMBERT Academic Publishing (Germany)	2013	978-3-8484-4264-5
3.	**Manaa Elbarhoumi and Youcef Berrouche**	Commandes Performantes des moteurs pas à pas: Application de la Logique Floue	Edition Universitaire européenne	2016	978-3639525632

Civil and Environmental Engineering Department

1. Journals

No.	Authors	Article Title	Journal Name	Year	Volume	Issue	PP.	ISI/ SCOPUS	Link of Paper

1.	**Sameh S. Ahmed** and Mohamed R. El Tahlawi	Environmental Impacts of Mining Operations: a Case Study: Monitoring the Impacts of Abu Tartour Phosphate Mine, Egypt	The International Journal of Environmental Protection (IJEP)	2011	1	4	1-6	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Environmental+Impacts+of+Mining+Operations%3A+a+Case+Study%3A+Monitoring+the+Impacts+of+Abu+Tartour+Phosphate+Mine%2C+Egypt&btnG=
2.	Hassan I. Mohamed and **Sameh S. Ahmed**	Assessment of Hydraulic Performance of Groundwater Recharge Techniques	International Journal of Water Resources and Arid Environments	Septembe, 2013	2	3	120-124	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Assessment+of+Hydraulic+Performance+of+Groundwater+Recharge+Techniques&btnG=
3.	**Sameh S. Ahmed**, **Yousef H. Okour** and Eyad Haj Said	A Methodology Based on Advanced Modeling Techniques for Groundwater Monitoring and Management-Part A	International Journal for Research and Development	2014	3	1	6-12	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=A+Methodology+Based+on+Advanced+Modeling+Techniques+for+Groundwater+Monitoring+and+Management-Part+A&btnG=
4.	**Sameh S. Ahmed** and **Mahmoud T. Azmi**	A Precise Methodology Integrates Low-Cost GPS Data and GIS for Monitoring Groundwater Quality Parameters in Majmaah Region, KSA	International Journal of Environmental Monitoring and Analysis	2014	2	5	279-288	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=A+Precise+Methodology+Integrates+Low-Cost+GPS+Data+and+GIS+for+Monitoring+Groundwater+Quality+Parameters+in+Majmaah+Region%2C+KSA&btnG=
5.	**Ahmed Galal Abokhalil** and **Sameh Ahmed**	Water-Pumping using Powered Solar System - More than an Environmentally Alternative: The Case of Toshka, Egypt	Journal of Energy and Natural Resources	February, 2016	5	1	19-25	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Water-Pumping+using+Powered+Solar+System+-+More+than+an+Environmentally+Alternative%3A+The+Case+of+Toshka%2C+Egypt&btnG=
6.	**Sameh S. Ahmed**	Assessment of Groundwater Quality Parameters Using Multivariate Statistics-A Case Study of Majmaah, KSA	International Journal of Environmental Monitoring and Analysis	2017	52		32-40	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Assessment+of+Groundwater+Quality+Parameters+Using+Multivariate+Statistics-+A+Case+Study+of+Majmaah%2C+KSA&btnG=

7.	**Hassan I. Mohamed**	Simple Method for Design all Sewer Types	Building Technology Journal	2013	26	-	-	-	
8.	**Hassan I.** Mohamed and Ali A. Gad	Impact of Pipes Networks Simplification on Water Hammer Phenomenon	Sadhana Journal	2014	39	5	1227-1244	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Impact+of+Pipes+Networks+Simplification+on+Water+Hammer+Phenomenon&btnG=
9.	**Hassan I. Mohamed**	Effect of Dewatering Schemes on Uplift Pressure and Groundwater Variation under Building	International Journal of Applied Engineering Research	2014	9	21	9989-10003	**SCOPUS**	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Effect+of+Dewatering+Schemes+on+Uplift+Pressure+and+Groundwater+Variation+under+Building&btnG=
10.	**Amjad Khabaz**	Dynamical Analysis of Non-Metallic (Glass, Carbon) Fiber Reinforced Concrete under the Influence of Vibration	International Journal of Composite Materials	2013	3	6	174-180	-	http://article.sapub.org/10.5923.j.cmaterials.20130306.06.html
11.	**Amjad Khabaz**	Determination of Friction Coefficient Between Glass Fiber and the Concrete Fri (GF.C)	International Journal of Materials Science and Applications	October, 2014	3	6	321-324	-	http://www.sciencepublishinggroup.com/journal/paperinfo.aspx?journalid=123&doi=10.11648/j.ijmsa.20140306.17
12.	**Amjad Khabaz**	2D Investigation of Bonding Forces of Straight Steel Fiber in Concrete	Open Access Library Journal	October, 2015	2	e1991	1-8	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=2D+Investigation+of+Bonding+Forces+of+Straight+Steel+Fiber+in+Concrete&btnG=
13.	**Amjad Khabaz**	Impact of Fiber Shape on Mechanical Behavior of Steel Fiber in Fiber Reinforced Concrete FRC.	World Journal of Engineering and Physical Sciences	January, 2015	3	1	1-6	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Impact+of+Fiber+Shape+on+Mechanical+Behavior+of+Steel+Fiber+in+Fiber+Reinforced+Concrete+FRC.&btnG=
14.	**Amjad Khabaz**	Determination of Friction Coefficient Between Straight Steel Fiber and the Concrete Fri (SSF.C)	Advances in Materials	2015	4	2	20-29	-	http://article.sciencepublishinggroup.com/html/10.11648.j.am.20150402.11.html
15.	**Amjad Khabaz**	Monitoring of Impact of Hooked Ends on Mechanical Behavior of Steel Fiber in Concrete	Construction and Building Materials	June 2016	113	15 June	857-863	**SCOPUS**	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Monitoring+of+Impact+of+Hooked+Ends+on+Mechanical+Behavior+of+Steel+Fiber+in+Concrete&btnG=

16.	**Amjad Khabaz**	Performance evaluation of corrugated steel fiber in cementitious matrix	Construction and Building Materials	2016	128	15 December	373-383	**SCOPUS**	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Performance+evaluation+of+corrugated+steel+fiber+in+cementitious+matrix&btnG=
17.	**Amjad Khabaz**	Theoretical analysis and numerical simulation of development length of straight steel fiber in cementitious materials	Composite Interfaces	2017	24	5	447-467	**ISI**	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Theoretical+analysis+and+numerical+simulation+of+development+length+of+straight+steel+fiber+in+cementitious+materials&btnG=
18.	**Amjad Khabaz**	Analysis of Sliding Mechanism Of Straight Steel Fibers in Concrete and Determine the Effect of Friction	Archives of Civil and Mechanical Engineering	2017	17	3	599-608	**SCOPUS**	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Analysis+of+Sliding+Mechanism+Of+Straight+Steel+Fibers+in+Concrete+and+Determine+the+Effect+of+Friction&btnG=
19.	Jawad T. Al-Bakri and **Yahya Y. Al-Jahmany**	Application of GIS and Remote Sensing to Groundwater Exploration in Al Wala Basin in Jordan	Journal of Water Resources and Protection	2013	5	10	962-971	-	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Application+of+GIS+and+Remote+Sensing+to+Groundwater+Exploration+in+Al+Wala+Basin+in+Jordan&btnG=
20.	Shadab Ahmad and **Zia Ur Rehman**	Performance Assessment of Innovative Constructed Wetland-Microbial Fuel Cell for Electricity Production	International Journal of Modern Sciences and Engineering Technology	2015	2	11	34-44	-	https://www.researchgate.net/profile/Zia_Rehman3/publication/317277370_Performance_Assessment_of_Innovative_Constructed_Wetland-Microbial_Fuel_Cell_for_Electricity_Production/links/592fd21b45851553b67ed754/Performance-Assessment-of-Innovative-Constructed-Wetland-Microbial-Fuel-Cell-for-Electricity-Production.pdf
21.	**Baig, Z. I.,** Saleh, H. A., and Husain, A.	Punching of Slab–Column Connections Strengthened using External Steel Shear Bolts	Magazine of Concrete Research	2016	68	2	55-68	**SCOPUS**	https://www.icevirtuallibrary.com/doi/abs/10.1680/macr.14.00434
22.	Abd El-Rahman Megahid Ahmed, Omar A. Farghal, **Ahmed Mohamed Sayed,** Omar Ali Yassen	Numerical Analysis of Statical Shear Behaviour of Reinforced Concrete Haunched Beams Strengthened by Using Externally Bounded Steel Plates by ANSYS Program	Journal of Scientific and Engineering Research	2018	5	2	210-223	-	http://jsaer.com/archive/volume-5-issue-2-2018

23.	Abd El-Rahman Megahid Ahmed, Omar A. Farghal, **Ahmed Mohamed Sayed,** Moataz Mmdoh Azzaz	Study on the Large- Scale RC Beams Shear Strengthened With FRP Sheets	Journal of Scientific and Engineering Research	2018	5	2	224-239	-	http://jsaer.com/archive/volume-5-issue-2-2018
24.	Dr. Mahmoud Owais Mr. Mostafa K. Osman	Complete Hierarchical Multi-objective Genetic Algorithm for Transit Network Design Problem	Expert Systems with Applications	2018	114	-	143-154	ISI & Scopus	https://www.sciencedirect.com/science/article/pii/S0957417418304573

2. Conferences

No.	Authors	Article Title	Name of Conference	Year	Number	Country	Link of Paper
1.	**Sameh S. Ahmed**	Modeling Soil Data for Better Characterization of Groundwater Quality Parameter	International Conference on Land Degradation in Dry Environment, Kuwiat University	9-14 March, 2009	-	Kuwiat	

2.	Hassan I. Mohamed and **Sameh S. Ahmed**	Management of Industrial Wastewater using Internal Water Recycle	3rd. Kuwait Waste Management Conference & Exhibition, Kuwiat	6-8 April, 2010	-	Kuwiat	
3.	**Sameh S. Ahmed** and Hassan I. Mohamed	A Digital Model for 3D Characterization of Groundwater Quality Parameters Around a Landfill Site	4th Kuwait Waste Management Conference & Exhibition, Kuwiat	17-18 October, 2011	-	Kuwiat	
4.	Hassan I. Mohamed and **Sameh S. Ahmed**	Future of on-Site Treatment and Reuse of Groundwater	4th Kuwait Waste Management Conference & Exhibition, Kuwiat	17-18 October, 2011	-	Kuwiat	
5.	Hassan I. Mohamed and **Sameh S. Ahmed**	Effect of Simplifying the Water Supply Pipe Networks on Water Quality Simulation	International Conference on Water, Energy and Environment	14-17 November, 2011	-	Sharjah, UAE	
6.	**Sameh S. Ahmed**, M.Z. Rashad, and M.R. El Tahlawi	Monitoring the Changes in the Water Quality Parameters using Geostatistics Techniques	The International Workshop on Civil Engineering and Urban Planning (WCEUP 2011)	2011	-	China	
7.	Hassan I. Mohamed and **Sameh S. Ahmed**	Assessment of Hydraulic Performance of Groundwater Recharge Techniques	5th International Conference on Water Resources and Arid Environments (ICWRAE 5	2013	-	Saudi Arabia	
8.	Ahmed G. Abo-Khalil and **Sameh S. Ahmed**	A new Approach to Improve the Energy Efficiency of Middle-East Buildings	7th Conference of Future of Renewable and New Energy in the Arab World, Assiut University	12-14 February, 2013	-	Assiut, Egypt	
9.	Hassan I. Mohamed	An Investigation of Groundwater Recharge Utilizing Multiple Wells System	International Conference on Water Resources and Arid Environment (ICWRAE 6)	2014	-	At Riyadh, Saudi Arabia	
10.	**Amjad Khabaz**	Numerical Method to Find Friction Coefficient of Steel Fiber in Concrete	2nd International Conference "Innovative Materials, Structures and Technologies"	September 30 – October 2, 2015	pp. 58-58, ISBN 978-9934-10-742-9.	Riga, Latvia	
11.	**Yousef H. Okour** and **Sameh S. Ahmed**	Production of Titania Nano-particles from Waste-Sludge	The Third International Conference on Water, Energy and Environment (ICWEE)	2015	-	UAE	
12.	**Yousef H. Okour** and **Sameh S. Ahmed**	Recovery of Titania from Waste-Sludge of Majmaah Water Treatment Plant	The Third International Conference on Water, Energy and Environment (ICWEE)	2015	-	UAE	

Basic Engineering Sciences

1. Journals

No.	Authors	Article Title	Journal Name	Year	Volume	Issue No.	PP.	ISI/ SCOPUS	Link of Paper
1.	Meraj Alam Khan,**Mohammed Kashif Uddin**, Rani Bushra Anees Ahmad and Syed Ashfaq Nabi	Synthesis and Characterization of Polyaniline zr (iv) Molybdophosphate for the Adsorption of Phenol from Aqueous Solution	Reaction Kinetics, Mechanisms and Catalysis	July, 2014	112	2	1-19	**ISI**	https://link.springer.com/article/10.1007/s11144-014-0751-x
2.	Rifaqat Ali Khan Rao, Shaista Ikram and **Mohammad Kashif Uddin**	Removal of Cr (VI) from Aqueous Solution on Seeds of Artimisia Absinthium (Novel Plant Material)	Desalination and Water Treatment	June, 2015	54	June	3358–3371	**ISI**	https://www.tandfonline.com/doi/abs/10.1080/19443994.2014.908147
3.	Rifaqat Ali Khan Rao, Shaista Ikrama, and **Mohammad Kashif Uddin**	Removal of Cd (II) from Aqueous Solution by Exploring the Biosorption Characteristics of Gaozaban (Onosma Bracteatum)	Journal of Environmental Chemical Engineering	June, 2014	2	2	1155–1164	**ISI**	https://www.sciencedirect.com/science/article/pii/S2213343714000815
4.	**Mohammad Kashif Uddin**	A review on the adsorption of heavy metals by clay minerals, with special focus on the past decade	Chemical Engineering Journal	September 2016	308		438-462	**ISI**	https://www.sciencedirect.com/science/article/pii/S1385894716312670
5.	Abid Hussanan, Zulkhibri Ismail, **Ilyas Khan**, Atheer G. Hussein, and Sharidan Shafie	Unsteady Boundary Layer MHD Free Convection Flow in a Porous Medium with Constant Mass Diffusion and Newtonian Heating	The European Physical Journal Plus	March, 2014	129	3	Article No.: 46	**ISI**	https://link.springer.com/article/10.1140/epjp/i2014-14046-x
6.	**Ilyas Khan**, Farhad Ali, Sharidan Shafie and Muhhamad Qasim	Unsteady Free Convection Flow in a Walters'-B Fluid and Heat Transfer Analysis	Bulletin of the Malaysian Mathematical Sciences Society (BMMS)	2014	37	2	437–448	**ISI**	https://emis.math.unistra.fr/journals/BMMSS/pdf/v37n2/v37n2p12.pdf
7.	Abid Hussnan, Muhammad Imran Anwar, Farhad Ali, **Ilyas Khan** and Sharidan Shafie	Natural Convection Flow Past an Oscillating Plate with Newtonian Heating	Heat Transfer Research	2014	45	2	119–137	**ISI**	http://www.dl.begellhouse.com/journals/46784ef93dddff27,138922ea0f24b27d,68f994f112962088.html
8.	Farhad Ali, **Ilyas Khan**, and Sharidan Shafie	Closed Form Solutions for Unsteady Free Convection Flow of a Second Grade Fluid over an Oscillating Vertical Plate	PLoS ONE	February, 2014	9	2	1	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0085099

9.	Farhad Ali, **Ilyas Khan**, Sami Ul Haq, and Sharidan Shafie	Influence of Thermal Radiation on Unsteady Free Convection MHD Flow of Brinkman Type Fluid in a Porous Medium with Newtonian Heating, Mathematical Problems in Engineering	Mathematical Modeling of Heat and Mass Transfer in Energy Science and Engineering (MMTP)	2013	2013	Article ID 632394, 13 pages	Article ID 632394,13 pages	**ISI**	https://www.hindawi.com/journals/mpe/2013/632394/
10.	Sharidan Shafie, **Ilyas Khan**, Farhad Ali, Sami Ulhaq, and Arshad Khan	Effects of Wall Shear Stress on Unsteady MHD Conjugate Flow in a Porous Medium with Ramped Wall Temperature	PLoS ONE	2014	9	3	ID:E90280 Pages:1-12	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0090280
11.	Arshad Khan, **Ilyas Khan**, Farhad Ali and Sharidan Shafie	Effects of Wall Shear Stress MHD Conjugate Flow Over an Inclined Plate in a Porous Medium with Ramped Wall Temperature	Mathematical Problems in Engineering	2014	2014	http://dx.doi.org/10.1155/2014/861708	1-15	**ISI**	https://www.hindawi.com/journals/mpe/2014/861708/
12.	Muhammad Qasim, **Ilyas Khan**, and Sharidan Shafie	Heat Transfer and Mass Diffusion in Nanofluids with Convective Boundary Conditions	Mathematical Problems in Engineering	2014	2014	http://dx.doi.org/10.1155/2013/254973	1-7	**ISI**	https://www.hindawi.com/journals/mpe/2013/254973/
13.	Samiulhaq, A. Sohail, D. Vieru, **Ilyas Khan** and Sharidan Shafie	Unsteady Magneto hydrodynamic Free Convection Flow of a Second Grade Fluid in a Porous Medium with Ramped Wall Temperature	PLoS ONE	2014	9	5	1-9	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0088766
14.	Abid Hussanan, Mohd Zuki Salleh, Razman Mat Tahar`, and **Ilyas Khan**	Unsteady Boundary Layer Flow and Heat Transfer of a Casson Fluid Past an Oscillating Vertical Plate with Newtonian Heating	PLoS ONE	2014	9	10	1-9	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0108763
15.	Khan, Muhammad Altaf, Saeed Islam, Sher Afzal Khan, **Ilyas Khan**, Sharidan Shafie and Taza Gul	Prevention of Leptospirosis Infected Vector and Human Population by Multiple Control Variables	Abstract and Applied Analysis	2014				**ISI**	https://www.hindawi.com/journals/aaa/2014/619035/
16.	Muhammad Altaf Khan, S. F. Saddiq, Saeed Islam, **Ilyas Khan** and LCC Denis	Epidemic Model of Leptospirosis Containing Fractional Order	Abstract and Applied Analysis	2014	In the press	In the press	In the press	**ISI**	https://www.hindawi.com/journals/aaa/2014/317201/
17.	T Gul, S Islam, RA Shah, **Ilyas Khan**, and S. Shafie	Thin Film Flow in MHD Third Grade Fluid on a Vertical Belt with Temperature Dependent Viscosity	PLoS ONE	2014	9	6	1-9	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0097552

18.	Sami Ul Haq, **Ilyas Khan**, Farhad Ali and Sharidan Shafie	Free Convection Flow of a Second Grade Fluid with Ramped Wall Temperature	Heat Transfer Research	2014	In the press	In the press	In the press	**ISI**	http://www.dl.begellhouse.com/journals/46784ef93dddff27,39f34fa02f25eb93,355ff6455d768082.html
19.	Sohail Ahmad, Dumitru Vieru**, Ilyas Khan** and Sharidan Shafie	Unsteady Magnetohydrodynamic Free Convection Flow of a Second Grade Fluid in a Porous Medium with Ramped Wall Temperature	PLoS ONE	2014	9	5	1-9	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0088766
20.	**Ilyas Khan**, M. Qasim and S. Sharidan	Flow of an Erying-Powell Fluid over a Stretching Sheet in Presence of Chemical Reaction	Thermal Science	2014	In the press	In the press	In the press	**ISI**	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.734.902&rep=rep1&type=pdf
21.	A Khan, **I. Khan**, F Ali, A Khalid and S. Shafie	Exact Solutions of Heat and Mass Transfer with MHD Flow in a Porous Medium under Time Dependent Shear Stress and Temperature	Abstract and Applied Analysis	2014	In the press	In the press	In the press	**ISI**	https://www.hindawi.com/journals/aaa/2015/975201/
22.	H. Ullah, S. Islam, **I. Khan**, S. Sharidan , M. Fiza, and T.N. Abdelhameed	Approximate Solution of the Generalized Hirota-Satsuma Coupled KDV-Equation by Extended Optimal Homotopy Asymptotic Method	MAGNT Research Report (ISSN. 1444-8939)	Dec., 2014	2	7	3022-3036	-	NA
23.	Taza Gul, Saeed Islam, Rehan Ali Shah, **Ilyas Khan**, Asma Khalid, and Sharidan Shafie	Heat Transfer Analysis of MHD Thin Film Flow of an Unsteady Second Grade Fluid Past a Vertical Oscillating Belt	PLoS ONE	Nov., 2014	9	11	1-21	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0103843
24.	Gul Aaiza, **Ilyas Khan**, Sharidan Shafie	Energy Transfer in Mixed Convection MHD Flow of Nanofluid Containing Different Shapes of Nanoparticles in a Channel Filled with Saturated Porous Medium	Nanoscale Research Letters	2015	10	1	1-14	**ISI**	https://nanoscalereslett.springeropen.com/articles/10.1186/s11671-015-1144-4
25.	Asma Khalid, **Ilyas Khan**, Arshad Khan, Sharidan Shafie	Conjugate Transfer of Heat and Mass in Unsteady Flow of A Micropolar Fluid with Wall Couple Stress	AIP Advances	2015	5	12	127125	**ISI**	http://aip.scitation.org/doi/full/10.1063/1.4938551
26.	Muhammad Altaf Khan, Qaisar Badshah, Saeed Islam, **Ilyas Khan**, Sharidan Shafie, Sher Afzal Khan	Global Dynamics of Seirs Epidemic Model with Non-Linear Generalized Incidences And Preventive Vaccination	Advances in Difference Equations	2015	2015	1	1-8	**ISI**	https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-015-0429-3

27.	**Ilyas Khan**, Farhad Ali, Norzieha Mustapha and Sharidan Shafie	Closed-Form Solutions for Accelerated MHD Flow of A Generalized Burgers' Fluid in a Rotating Frame and Porous Medium	Boundary Value Problems	2015	2015	1	1-17	**ISI**	https://link.springer.com/article/10.1186/s13661-014-0258-4
28.	Aaiza Gul, **Ilyas Khan**, Sharidan Shafie, Asma Khalid and Arshad Khan	Heat Transfer in MHD Mixed Convection Flow of a Ferrofluid Along a Vertical Channel	PloS one	2015	10	11	e0141213	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0141213
29.	Asma Khalid, **Ilyas Khan**, Arshad Khan and Sharidan Shafie	Unsteady MHD Free Convection Flow of Casson Fluid Past over an Oscillating Vertical Plate Embedded in a Porous Medium	Engineering Science and Technology, an International Journal	2015	18	3	309-317	**ISI**	https://www.sciencedirect.com/science/article/pii/S2215098615000075
30.	Sami Ul Haq**, Ilyas Khan**, Farhad Ali, Arshad Khan, **Tarek Nabil Ahmed Abdelhameed**	Influence of Slip Condition on Unsteady Free Convection Flow of Viscous Fluid with Ramped Wall Temperature	Abstract and Applied Analysis	2015	2015			**ISI**	https://www.hindawi.com/journals/aaa/2015/327975/
31.	Arshad Khan, **Ilyas Khan**, Farhad Ali, Asma Khalid and Sharidan Shafie	Exact Solutions of Heat and Mass Transfer with MHD Flow in a Porous Medium under Time Dependent Shear Stress and Temperature	Abstract and Applied Analysis	2015	2015			**ISI**	https://www.hindawi.com/journals/aaa/2015/975201/
32.	Taza Gul, Saeed Islam, Rehan Ali Shah, Asma Khalid, **Ilyas Khan**, Sharidan Shafie	Unsteady MHD Thin Film Flow of an Oldroyd-B Fluid over an Oscillating Inclined Belt	PloS one	2015	10	7	e0126698	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0126698
33.	Taza Gul, Saeed Islam, Rehan Ali Shah, **Ilyas Khan**, Sharidan Shafie and Muhammad Altaf Khan	Analysis of Thin Film Flow Over a Vertical Oscillating Belt with a Second Grade Fluid	Engineering Science and Technology, an International Journal	2015	18	2	207-217	**ISI**	https://www.sciencedirect.com/science/article/pii/S2215098614000949
34.	**Ilyas Khan**	A Note on Exact Solutions for the Unsteady Free Convection Flow of a Jeffrey Fluid	Zeitschrift für Naturforschung A	2015	70	6	397-401	**ISI**	https://www.degruyter.com/view/j/zna.2015.70.issue-6/zna-2015-0010/zna-2015-0010.xml
35.	Asma Khalid, **Ilyas Khan** and Sharidan Shafie	Unsteady Boundary Layer Flow of a Casson Fluid Past an Oscillating Vertical Plate with Constant Wall Temperature	Malaysian Journal of Fundamental and Applied Sciences	2015	11	1		**ISI**	https://www.sciencedirect.com/science/article/pii/S2215098615000075

36.	Abid Hussanan, Mohd Z Salleh, **Ilyas Khan**, Razman M Tahar and Zulkhibri Ismail	Soret Effects on Unsteady Magnetohydrodynamic Mixed-Convection Heat-and-Mass-Transfer Flow in a Porous Medium with Newtonian Heating	Maejo International Journal of Science and Technology	2015	9	2	224-245	**ISI**	http://www.mijst.mju.ac.th/vol9/224-245.pdf
37.	Hakeem Ullah, Saeed Islam, **Ilyas Khan**, Sharidan Shafie, Mehreen Fiza	Formulation and Application of Optimal Homotopty Asymptotic Method to Coupled Differential-Difference Equations	PloS one	2015	10	4	e0120127	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0120127
38.	Asma Khalid**, Ilyas Khan** and Sharidan Shafie	Exact Solutions for Free Convection Flow of Nanofluids with Ramped Wall Temperature	The European Physical Journal Plus	2015	130	4	1-14	**ISI**	https://link.springer.com/article/10.1140/epjp/i2015-15057-9
39.	Taza Gul, Saeed Islam, RA Shah, **Ilyas Khan** and LCC Dennis	Temperature Dependent Viscosity of a Third Order Thin Film Fluid Layer on a Lubricating Vertical Belt	Abstract and Applied Analysis	2015	2015			**ISI**	https://www.hindawi.com/journals/aaa/2015/386759/
40.	Asma Khalid, **Ilyas Khan**, Sharidan Shafie	Exact Solutions for Unsteady Free Convection Flow of Casson Fluid over an Oscillating Vertical Plate with Constant Wall Temperature	Abstract and Applied Analysis	2015	2015			**ISI**	https://www.hindawi.com/journals/aaa/2015/946350/
41.	H Ullah, S Islam, S Sharidan, **T.N Abdelhameed** and **Ilyas Khan**	Efficient Implementation of Modified Asymptotic Method for the Solution of Nonlinear Coupled Partial Differential Equations	Indian Journal of Science and Technology	2015	8		136-148	**ISI**	10.17485/ijst/2015/v8iS3/60480
42.	Lim Yean Jiann, Asma Khalid, **Ilyas Khan** and Sharidan Shafie	Heat Transfer in MHD Flow of a Rotating Fluid with Soret and Radiation Effects: Exact Solution	International Review of Chemical Engineering (IRECHE)	2015	7	1	29-36	**ISI**	http://www.praiseworthyprize.org/jsm/index.php?journal=ireche&page=article&op=view&path%5B%5D=17184
43.	Muhammad Altaf Khan, Syed Farasat Saddiq, Saeed Islam, **Ilyas Khan** and Sharidan Shafie	Dynamic Behavior of Leptospirosis Disease with Saturated Incidence Rate	International Journal of Applied and Computational Mathematics	2015			1-18	**ISI**	https://link.springer.com/article/10.1007/s40819-015-0102-2
44.	Abid Hussanan, Mohd Zuki Salleh, **Ilyas Khan** and Razman Mat Tahar	Unsteady Free Convection Flow of a Micropolar Fluid With Newtonian Heating: Closed form Solution	Thermal Science	2015	0		125-125	**ISI**	http://thermalscience.vinca.rs/2017/6/5

45.	**Ilyas Khan** and Sharidan Shafie	Rotating MHD Flow of a Generalized Burgers Fluid over an Oscillating Plate Embedded in a Porous Medium	Thermal Science	2015	19	1	183-190	**ISI**	10.2298/TSCI15S1S83K
46.	Fazal Ghani, Taza Gul, S Islam, RA Shah, **I Khan**, S Sharidan, S Nasir and MA Khan	Unsteady MHD Thin Film Flow of a Third Grade Fluid over an Oscillating Inclined Belt Embedded in a Porous Medium	Thermal Science	2015	0		54-54	**ISI**	http://www.doiserbia.nb.rs/img/doi/0354-9836/2017/0354-98361500054G.pdf
47.	Muhammad Altaf Khan, Zulfiqar Ali, LCC Dennis, **Ilyas Khan**, Saeed Islam, Murad Ullah and Taza Gul	Stability Analysis of an SVIR Epidemic Model with Non-linear Saturated Incidence Rate	Applied Mathematical Sciences	2015	9	23	1145-1158	**ISI**	https://www.researchgate.net/profile/Taza_Gul4/publication/272157137_Stability_Analysis_of_an_SVIR_Epidemic_Model_with_Non-linear_Saturated_Incidence_Rate/links/5590cda508ae47a3490edf7e/Stability-Analysis-of-an-SVIR-Epidemic-Model-with-Non-linear-Saturated-Incidence-Rate.pdf
48.	Muhammad Altaf Khan, Ahmad Ali, LCC Dennis, Saeed Islam, **Ilyas Khan**, Murad Ullah and Taza Gul	Dynamical Behavior of Cholera Epidemic Model with Non-linear Incidence Rate	Applied Mathematical Sciences	2015	9	20	989-1002	**ISI**	https://www.sciencedirect.com/science/article/pii/S0022203960200089X
49.	Muhammad Altaf Khan, Muhammad Parvez, Saeed Islam, **Ilyas Khan**, Sharidan Shafie and Taza Gul	Mathematical Analysis of Typhoid Model with Saturated Incidence Rate	Advanced Studies in Biology	2015	7	2	65-78	**ISI**	http://www.coalitionagainsttyphoid.org/publications/mathematical-analysis-of-typhoid-model-with-saturated-incidence-rate/
50.	H Ullah, S Islam, LCC Dennis, TN Abdelhameed**, I Khan** and M. Fiza	Approximate Solution of Two-Dimensional Nonlinear Wave Equation by Optimal Homotopy Asymptotic Method	Mathematical Problems in Engineering	2015	2015			**ISI**	https://www.hindawi.com/journals/mpe/2015/380104/
51.	Abid Hussanan, **Ilyas Khan**, Hasmawani Hashim, Muhammad Khairul Anuar, Nazila Ishak, Norhafizah M.D. Sarif and Mohd Zuki Salleh	Unsteady Mhd Flow of Some Nanofluids Past an Accelerated Vertical Plate Embedded in a Porous Medium	Journal Teknologi	2016	78	2	121-126	**Scopus**	http://www.jurnalteknologi.utm.my/index.php/jurnal...
52.	**Ilyas Khan**, Farhad Ali and Nehad Ali Shah	Interaction of Magnetic Field with Heat and Mass Transfer in Free Convection	Eur. Phys. J. Plus:	2016	131	DOI 10.1140/ep	77-83	**ISI**	https://link.springer.com/article/10.1140/epjp/i2016-

		Flow of a Walters'-B Fluid				jp/i2016-16077-7			16077-7
53.	Arshad Khan, **Ilyas Khan**, Sharidan Shafiea	Effects of Newtonian Heating and Mass Diffusion on MHD Free Convection Flow Over Vertical Plate with Shear Stress at the Wall	Jurnal Teknologi	2016	78	3-2	71-75	**Scopus**	http://eprints.utm.my/69332/
54.	Nor Athirah Mohd Zin, Ilyas Khan, Sharidan Shafiea	Numerical Solution of Unsteady Free Convection Flow in a Second Grade Fluid	Jurnal Teknologi	2016	78	3-2	89–93	**Scopus**	http://eprints.utm.my/60773/
55.	M G B Ashiq	Current therapeutic techniques and Nano photolysis approach for breast cancer treatmen	Journal of Computational and Theoretical Nanoscience	2016	13	12	8638–8641	**ISI**	
56.	Aaiza Gul · Ilyas Khan · Sharidan Shafie	Radiation and heat generation effects in MHD mixed convection flow of nanofluids	Thermal Science	2016		00	49-49	**Scopus**	http://aip.scitation.org/doi/abs/10.1063/1.4954549
57.	Ahmad Qushairi Mohamad, Ilyas Khan, Zulkhibri Ismail, Sharidan Shafie	The unsteady free convection flow of rotating second grade fluid over an oscillating vertical plate	Journal Teknologi	2016	78	3-2	57-63	**ISI**	https://link.springer.com/article/10.1007/s00521-016-2674-0
58.	Abid Hussanan, Mohd Zuki Salleh, **Ilyas Khan**, Sharidan Shafie	Analytical solution for suction and injection flow of a viscoplastic Casson fluid past a stretching surface in the presence of viscous dissipation	Neural Computing and Applications	2016			1-9	**ISI**	https://www.researchgate.net/journal/0354-9836_Thermal_Science
59.	Abid Hussanan, **Ilyas Khan**, Mohd Zuki Salleh, Sharidan Shafie	Slip effects on unsteady free convective heat and mass transfer flow with Newtonian heating	Thermal Science,	2016	20	6	1939-1952.	**ISI**	https://link.springer.com/article/10.1007/s00521-016-2688-7
60.	Sidra Aman, **Ilyas Khan,** Zulkhibri Ismail, Mohd Zuki Salleh	Impacts of gold nanoparticles on MHD mixed convection Poiseuille flow of nanofluid passing through a porous medium in the presence of thermal radiation, thermal diffusion and chemical reaction	Neural Computing and Applications	2016		doi:10.1007/s00521-016-2688-7	1-9	**ISI**	http://www.ingentaconnect.com/contentone/asp/jctn/2016/00000013/00000008/art00069
61.	Christopher R Fellows, Csaba Matta, Roza Zakany, **Ilyas Khan**, M Khan, Ali Mobasheri	Adipose, Bone Marrow and Synovial Joint-Derived Mesenchymal Stem Cells for Cartilage Repair	Frontiers in Genetics	2016	7	doi: 10.3389/fgene.2016.00213		**ISI**	https://www.researchgate.net/publication/322701222_MHD_heat_transfer_flow_of_Casson_fluid_past_a_stretching_wedge_subject_to_suction_and_injection
62.	K Zeeshan, Taza Gul, RA Shah, S Shafie, I Khan	Two-Layer Coating Flows and Heat Transfer in Two Immiscible Third Grade Fluid	J Comput Theor Nanosci	2016	13		1-16	**ISI**	https://link.springer.com/article/10.1140/epjp/i2016-16181-8

63.	Abid Hussanan, Mohd Zuki Salleh, Ilyas Khan, Hamzeh Taha Alkasasbeh.	MHD flow and heat transfer in a Casson Fluid over a nonlinearly stretching sheet with Newtonian heating.	Heat Transfer Research.	2016				**ISI**	https://link.springer.com/article/10.1140/epjc/s10052-016-4209-3
64.	Nehad Ali Shah, Dumitru Vieru, **Ilyas Khan**	Unsteady flow of generalized Casson fluid with fractional derivative due to an infinite plate	The European physical journal plus	2016	2016	2016	131:181	**Scopus**	https://www.researchgate.net/publication/294579025_Unsteady_MHD_flow_of_some_nanofluids_past_an_accelerated_vertical_plate_embedded_in_a_porous_medium
65.	**Ilyas Khan** Nehad Ali Shah	Heat transfer analysis in a second grade fluid over and oscillating vertical plate using fractional Caputo–Fabrizio derivatives	The European physical journal C	2016	76	76	362	**ISI**	https://www.hindawi.com/journals/mpe/2016/6257071/
66.	Abid Hussanan**, Ilyas Khan,** Hasmawani Hashim, Muhammad Khairul Anuar Mohamed, Nazila Ishak, Norhafizah Md Sarif, Mohd Zuki Salleh	Unsteady MHD flow of some nanofluids past an accelerated vertical plate embedded in a porous medium	J. Teknol. malaysia	2016	78	2	121-126	**ISI**	https://link.springer.com/article/10.1140/epjc/s10052-016-4209-3
67.	Nor Athirah Mohd Zin, **Ilyas Khan**, Sharidan Shafie	Influence of Thermal Radiation on Unsteady MHD Free Convection Flow of Jeffrey Fluid over a Vertical Plate with Ramped Wall Temperature	Mathematical Problems in Engineering	2016	2016	Article id: 6257071	12	**ISI**	https://link.springer.com/article/10.1140/epjp/i2016-16077-7
68.	Nehad Ali Shah, **Ilyas Khan**	Heat transfer analysis in a second grade fluid over and oscillating vertical plate using fractional Caputo–Fabrizio derivatives	The European Physical Journal C	2016	76	7	1-11	**ISI**	https://link.springer.com/article/10.1140/epjp/i2016-16181-8
69.	**Ilyas Khan**, Farhad Ali, Nehad Ali Shah	Interaction of magnetic field with heat and mass transfer in free convection flow of a Walters'-B fluid	The European Physical Journal Plus	2016	131	4	1-15	**ISI**	https://www.researchgate.net/publication/304779961_Heat_transfer_in_ferrofluid_with_cylindrical_shape_nanoparticles_past_a_vertical_plate_with_ramped_wall_temperature_embedded_in_a_porous_medium
70.	**Ilyas Khan**, Nehad Ali Shah, Dumitru Vieru	Unsteady flow of generalized Casson fluid with fractional derivative due to an infinite plate	The European Physical Journal Plus	2016	131	6	1-12	**ISI**	http://adsabs.harvard.edu/abs/2016EPJP..131..310A

71.	Asma Khalid · **Ilyas Khan** · Sharidan Shafie	Heat transfer in ferrofluid with cylindrical shape nanoparticles past a vertical plate with ramped wall temperature embedded in a porous medium	Journal of Molecular Liquids	2016	221		9	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732216320141
72.	Farhad Ali, Syed Aftab Alam Jan, **Ilyas Khan**, Madeha Gohar, Nadeem Ahmad Sheikh	Solutions with special functions for time fractional free convection flow of Brinkman-type fluid	The European Physical Journal Plus	2016	131	9	310	**ISI**	https://link.springer.com/article/10.1007/s00521-016-2516-0
73.	Madeeha Gohar and **Ilyas Khan** Farhad Ali	MHD flow of water-based Brinkman type nanofluid over a vertical plate embedded in a porous medium with variable surface velocity, temperature and concentration	Journal of Molecular Liquids	2016		Doi:10.1016/j.molliq.2016.08.068		**ISI**	http://www.ingentaconnect.com/contentone/asp/jctn/2016/00000013/00000008/art00069
74.	Abid Hussanan · Mohd Zuki Salleh · **Ilyas Khan** · Razman Mat Tahar	Heat and mass transfer in a micropolar fluid with Newtonian heating: an exact analysis	Neural Computing and Applications	2016		DOI: 10.1007/s00521-016-2516-0		**ISI**	https://www.sciencedirect.com/science/article/pii/S2212540X16300219
75.	Zeeshan Khan, S Islam, Taza Gul, RA Shah, S Shafie, I Khan	Two-Layer Coating Flows and Heat Transfer in Two Immiscible Third Grade Fluid	Journal of Computational and Theoretical Nanoscience	2016	13	8	5327-5342	**ISI**	https://www.sciencedirect.com/science/article/pii/S1110016816301855
76.	M Saqib, G Abbas**, Ilyas Khan**, MN Mughal, AUR Sial, M Ijaz, M Avais	Hemato-Biochemical Analysis and Treatment Response to Enrofloxacin in Cats Affected with Feline Hemotropic Mycoplasma	Pakistan J. Zool	2016	48	5	1569-1571	**ISI**	https://link.springer.com/article/10.1140/epjp/i2016-16377-x
77.	Taza Gul, Fazle Ghani, S Islam, RA Shah**, Ilyas Khan**, Saleem Nasir, S Sharidan	Unsteady thin film flow of a fourth grade fluid over a vertical moving and oscillating belt	Propulsion and Power Research	2016	5	3	223-235	**ISI**	https://www.researchgate.net/publication/313513338_Heat_Transfer_in_Eccentric-Concentric_Rotation_of_a_Disk_and_Fluid_at_Infinity
78.	Liaqat Ali, Saeed Islam, Taza Gul, **Ilyas Khan**, LCC Dennis	New version of Optimal Homotopy Asymptotic Method for the solution of nonlinear boundary value problems in finite and infinite intervals	Alexandria Engineering Journal	2016	55	3	2811-2819	**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732216307474
79.	Farhad Ali, Muhammad Saqib, **Ilyas Khan**, Nadeem Ahmad Sheikh	Application of Caputo-Fabrizio derivatives to MHD free convection flow of generalized Walters'-B fluid model	The European Physical Journal Plus	2016	131	10	377	**ISI**	https://www.sciencedirect.com/science/article/pii/S1110016816301612

80.	**Ilyas Khan**, Tarek Nabil Ahmed Abdelhameed, LC Dennis	Heat Transfer in Eccentric-Concentric Rotation of a Disk and Fluid at Infinity	Journal of Computational and Theoretical Nanoscience	2016	13	10	6482-6487	**ISI**	https://link.springer.com/article/10.1007/s11998-016-9817-1
81.	Nor Athirah Mohd Zin · **Ilyas Khan** · Sharidan Shafie	The impact silver nanoparticles on MHD free convection flow of Jeffrey fluid over an oscillating vertical plate embedded in a porous medium	Journal of Molecular Liquids	2016	222	doi.org/10.1016/j.molliq.2016.06.098	138-150	**ISI**	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0165348
82.	Imran Ullah · **Ilyas Khan** · Sharidan Shafie	Hydromagnetic Falkner-Skan flow of Casson fluid past a moving wedge with heat transfer	Alexandria Engineering Journal	2016	55	3	2139-2148	**ISI**	https://www.researchgate.net/publication/311953575_Heat_and_mass_transfer_phenomena_in_the_flow_of_Casson_fluid_over_an_infinite_oscillating_plate_in_the_presence_of_first-order_chemical_reaction_and_slip_effect
83.	Zeeshan Khan, Saeed Islam, Rehan Ali Shah, **Ilyas Khan**	Flow and heat transfer of two immiscible fluids in double-layer optical fiber coating	Journal of Coatings Technology and Research	2016	13	6	1055-1063	**ISI**	https://link.springer.com/article/10.1186/s11671-016-1745-6
84.	Imran Ullah, Krishnendu Bhattacharyya, Sharidan Shafie, **Ilyas Khan**	Unsteady MHD Mixed Convection Slip Flow of Casson Fluid over Nonlinearly Stretching Sheet Embedded in a Porous Medium with Chemical Reaction, Thermal Radiation, Heat Generation/Absorption and Convective Boundary Conditions	PLoS One	2016	11	10	e0165348	**ISI**	http://www.mdpi.com/2076-3417/6/11/334
85.	Saqib, M., Ali, F., **Khan, I.,** & Sheikh, N. A	Heat and mass transfer phenomena in the flow of Casson fluid over an infinite oscillating plate in the presence of first-order chemical reaction and slip effect	Neural Computing and Applications	2016	Doi:10.1007/s00521-016-2810-x		1-14	**ISI**	https://www.researchgate.net/publication/311949603_Entropy_Generation_in_Magnetohydrodynamic_Mixed_Convection_Flow_over_an_Inclined_Stretching_Sheet
86.	Imran Ullah, **Ilyas Khan**, Sharidan Shafie	MHD Natural Convection Flow of Casson Nanofluid over Nonlinearly Stretching Sheet Through Porous Medium with Chemical Reaction and Thermal Radiation	Nanoscale Research Letters	2016	11	1	527	**ISI**	http://www.ingentaconnect.com/contentone/asp/jctn/2016/00000013/00000011/art00121

87.	Waris Khan, Taza Gul, Muhammad Idrees, Saeed Islam, **Ilyas Khan,** LCC Dennis	Thin Film Williamson Nanofluid Flow with Varying Viscosity and Thermal Conductivity on a Time-Dependent Stretching Sheet	Applied Sciences	2016	6	11	334	**ISI**	https://link.springer.com/article/10.1007/s40819-015-0102-2
88.	Muhammad Idrees Afridi, Muhammad Qasim, **Ilyas Khan,** Sharidan Shafie, Ali Saleh Alshomrani	Entropy Generation in Magnetohydrodynamic Mixed Convection Flow over an Inclined Stretching Sheet	Entropy	2016	19	1	10	**ISI**	https://pure.utm.my/en/publications/two-layer-coating-flows-and-heat-transfer-in-two-immiscible-third
89.	MG Ashiq, Nawaf Hamadneh, **Ilyas Khan,** Waqar A Khan	Current Therapeutic Techniques and Nanophotolysis Approach for Treatment of Breast Cancer	Journal of Computational and Theoretical Nanoscience	2016	13	11	8638-8641	**ISI**	http://scientiairanica.sharif.edu/article_4026_077894aeebe2586123bd250bc79f6dac.pdf
90.	Muhammad Altaf Khan, Syed Farasat Saddiq, Saeed Islam, **Ilyas Khan**, Sharidan Shafie	Dynamic Behavior of Leptospirosis Disease with Saturated Incidence Rate	International Journal of Applied and Computational Mathematics	2016	2	4	435-452	**ISI**	https://www.sciencedirect.com/science/article/pii/S2211379716306106
91.	Zeeshan1, S. Islam, Taza Gul1, R. A. Shah, S. Shafie, and I. Khan	Two-Layer Coating Flows and Heat Transfer in two Immiscible Third Grade Fluid	Journal of Computational and Theoretical Nanoscience	2016	13			**ISI**	http://aip.scitation.org/doi/full/10.1063/1.4975219
92.	S. Sharidan and M. Fiza H. Ullah, S. Islam, **I. Khan**	MHD boundary layer ow of an incompressible upper-convected Maxwell uid by optimal homotopy asymptotic method	Scientia Iranica. Transaction B, Mechanical Engineering	2017	24	1	202-210	**ISI**	https://link.springer.com/article/10.1007/s00521-017-2854-6
93.	Nor Athirah Mohd Zin, **Ilyas Khan**, Sharidan Shafie ,Ali Saleh Alshomrani	Analysis of heat transfer for unsteady MHD free convection flow of rotating Jeffrey nanofluid saturated in a porous medium	Results in Physics	2017	7		288–309	**ISI**	https://link.springer.com/article/10.1140/epjp/i2017-11326-y
94.	Sidra Aman, **Ilyas Khan,** Zulkhibri Ismail, Mohd Zuki Salleh, Ali Saleh Alshomrani, Metib Said Alghamdi	Magnetic field effect on Poiseuille flow and heat transfer of carbon nanotubes along a vertical channel filled with Casson fluid	AIP Advances	2017	7	1	015036	**ISI**	http://adsabs.harvard.edu/abs/2017JMMM..423..327A

95.	Ahmad Qushairi Mohamad, **Ilyas Khan**, Sharidan Shafie, Zaiton Mat Isa, Zulkhibri Ismail	Non-coaxial rotating flow of viscous fluid with heat and mass transfer	Neural Computing and Applications	2017			1-11	**ISI**	http://www.ingentaconnect.com/contentone/asp/jon/2017/00000006/00000001/art00019
96.	Nadeem Ahmad Sheikh, Farhad Ali, Muhammad Saqib, **Ilyas Khan,** Syed Aftab Alam Jan	A comparative study of Atangana-Baleanu and Caputo-Fabrizio fractional derivatives to the convective flow of a generalized Casson fluid	The European Physical Journal Plus	2017	132	1	54	**ISI**	https://www.sciencedirect.com/science/article/pii/S2211137971630571X
97.	Farhad Ali, Nadeem Ahmad Sheikh, **Ilyas Khan**, Muhammad Saqib	Magnetic field effect on blood flow of Casson fluid in axisymmetric cylindrical tube: A fractional model	Journal of Magnetism and Magnetic Materials	2017	423		327-336	**ISI**	https://link.springer.com/article/10.1140/epjp/i2017-11404-2
98.	Ahmad Qushairi Mohamad, **Ilyas Khan,** Lim Yeou Jiann, Arshad Khan, Mohd Rijal Ilias, Sharidan Shafie	Magnetohydrodynamic Conjugate Flow of Casson Fluid Over a Vertical Plate Embedded in a Porous Medium with Arbitrary Wall Shear Stress	Journal of Nanofluids	2017	6	1	173-181	**ISI**	https://www.researchgate.net/publication/311359564_Heat_and_mass_transport_of_differential_type_fluid_with_non-integer_order_time-fractional_Caputo_derivatives
99.	Nadeem Ahmad Sheikh, Farhad Ali, Muhammad Saqib, **Ilyas Khan**, Syed Aftab Alam Jan, Ali Saleh Alshomrani, Metib Said Alghamdi	Comparison and analysis of the Atangana–Baleanu and Caputo–Fabrizio fractional derivatives for generalized Casson fluid model with heat generation and chemical reaction	Results in Physics	2017		doi.org/10.1016/j.rinp.2017.01.025		**ISI**	https://www.hindawi.com/journals/mpe/2017/9402964/
100.	Farhad Ali, Muhammad Saqib, **Ilyas Khan**, Nadeem Ahmad Sheikh, Syed Aftab Alam Jan	Exact analysis of MHD flow of a Walters'-B fluid over an isothermal oscillating plate embedded in a porous medium	The European Physical Journal Plus	2017	132	2	95	Scopus	https://link.springer.com/article/10.1140/epjp/i2017-11404-2
101.	MA Imran, **I Khan,** M Ahmad, NA Shah, M Nazar	Heat and mass transport of differential type fluid with non-integer order time-fractional Caputo derivatives	Journal of Molecular Liquids	2017	299		67-75	ISI	https://www.sciencedirect.com/science/article/pii/S0167732216326770
102.	Nadeem Ahmad Sheikh, Farhad Ali, **Ilyas Khan**, Muhammad Saqib, Arshad Khan	MHD Flow of Micropolar Fluid over an Oscillating Vertical Plate Embedded in Porous Media with Constant Temperature and Concentration	Mathematical Problems in Engineering	2017	ID: 9402964		20	-	https://www.hindawi.com/journals/mpe/2017/9402964/abs/

103.	L. C. C. Dennis **Ilyas Khan**, **Tarek Nabil Ahmed Abdelhameed**	Heat Transfer in Eccentric-Concentric Rotation of a Disk and Fluid at Infinity	Journal of Computational and Theoretical Nanoscience	2017	13	2016	6482–6487	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jctn/2016/00000013/00000010/art00010
104.	Abid Hussanan, Mohd Zuki Salleh, **Ilyas Khan**, Razman Mat Tahar	Heat transfer in magnetohydrodynamic flow of a Casson fluid with porous medium and Newtonian heating.	Journal of Nanofluids	2017	6		1-10	-	http://www.ingentaconnect.com/content/asp/jon/2017/00000006/00000004/art00019
105.	Ali, F., Sheikh, N. A., Khan, **I., Khan**, A., & Saqib, M.	Hidden Phenomena of an MHD Unsteady Flow in Porous Medium with Heat Transfer."	Journal of Nonlinear Science: Letter A	2017			101-116	-	https://www.researchgate.net/profile/Nadeem_Sheikh9/publication/308349192_Hidden_Phenomena_of_an_MHD_Unsteady_Flow_in_Porous_Medium_with_Heat_Transfer/links/588bae5992851cef13600bbd/Hidden-Phenomena-of-an-MHD-Unsteady-Flow-in-Porous-Medium-with-Heat-Transfer.pdf
106.	Abid Hussanan, Mohd Zuki Salleh, **Ilyas Khan**, Sharidan Shafie	Convection heat transfer in micropolar nanofluids with oxide nanoparticles in water, kerosene and engine oil	Journal of Molecular Liquids	2017	229		482-488	ISI	https://www.sciencedirect.com/science/article/pii/S0167732216330987
107.	Waris Khan, Taza Gul, M Idrees, Saeed Islam, **Ilyas Khan**	Dufour and Soret Effect with Thermal Radiation on the Nano Film Flow of Williamson Fluid Past Over an Unsteady Stretching Sheet	Journal of Nanofluids	2017	6	2	243-253	-	http://www.ingentaconnect.com/contentone/asp/jon/2017/00000006/00000002/art00006
108.	Sheikh, N. A., Ali, F., **Khan, I.,** & Saqib, M	A modern approach of Caputo–Fabrizio time-fractional derivative to MHD free convection flow of generalized second-grade fluid in a porous medium.	Neural Computing and Applications	2016	DOI:10.1007/s00521-016-2815-5		1-11.	**Scopus**	https://link.springer.com/article/10.1007/s00521-016-2815-5
109.	Atirah, Ilyas Khan, Sharidan Shafie	Exact and Numerical Solutions for Unsteady Heat and Mass Transfer Problem of Jeffrey Fluid with MHD and Newtonian Heating Effects	Neural Computing and Applications	2017	Doi: 10.1007/s00521-017-2935-6			**Scopus**	https://link.springer.com/article/10.1007/s00521-017-2935-6
110.	Noor Saeed Khan, Taza Gul, Saeed Islam, Ilyas Khan, Aisha M. Alqahtani and Ali Saleh Alshomrani	Magnetohydrodynamic Nanoliquid Thin Film Sprayed on a Stretching Cylinder with Heat Transfer	Applied sciences	2017	7	271	doi:10.3390/app7030271	**ISI**	http://www.mdpi.com/2076-3417/7/3/271/htm

111.	IlyasKhan, ,AaizaGul & SharidanShafie	Effects of Magnetic Field on Molybdenum Disulfide Nanofluids in Mixed Convection Flow insidea Channel Filled with a Saturated Porous Medium	Journal of Porous Media	2017	20	5	1-14	-	http://www.dl.begellhouse.com/journals/49dcde6d4c0809db,6c6bbf067aa529c4,5ef14b0d41096e48.html
112.	Ilyas Khan	Shape Effects of nanopartilces on MHD Slip Flow of Molybdenum DisulphideNanofluid in a Porous Medium	Journal of Molecular Liquids	2017	DOI: 10.1016/j.molliq.2017.03.009			**ISI**	https://www.sciencedirect.com/science/article/pii/S0167732217304786
113.	Ilyas Khan, LCCD Tarek Nabil Ahmed Abdelhameed	Heat Transfer in Eccentric-Concentric Rotation of a Disk and Fluid at Infinity	Journal of Computational and Theoretical Nanoscience	2017	13		6482–6487	**Scopus**	http://www.ingentaconnect.com/contentone/asp/jctn/2016/00000013/00000010/art00010
114.	Ilyas Khan, Nehad Ali Shah & LCC Deniss	A scientific report on heat transfer analysis in mixed convection flow of Maxwell fluid over an oscillating vertical plate	Scientific Reports	2017	DOI: 10.1038/srep40147	6:40147	1-12	**ISI**	https://www.nature.com/articles/srep40147
115.	Nor Athirah Mohd Zin, **Ilyas Khan** and Sharidan Shafie	Exact and numerical solutions for unsteady heat and mass transfer problem of Jeffrey fluid with MHD and Newtonian heating effects	Neural Computing and Applications	2017	DOI : 10.1007/s00521-017-2935-6	2017	1-44	**Scopus**	https://link.springer.com/article/10.1007/s00521-017-2935-6
116.	Sayed Aftab Alam Jan, Farhad Ali, Nadeem Ahmad Sheikh, Ilyas Khan, Muhammad Saqib, and Madeha Gohar	Engine oil based generalized brinkman-type nano-liquid with molybdenum disulphide nanoparticles of spherical shape: Atangana-Baleanu fractional model,.	Numer Methods Partial Differential Eq	2017	DOI: 10.1002/num.22200.		1-17	**ISI**	http://onlinelibrary.wiley.com/doi/10.1002/num.22200/full
117.	Ullah, I., Shafie, S., Makinde, O. D., & Khan, I	Unsteady MHD Falkner-Skan flow of Casson nanofluid with generative/destructive chemical reaction.	Chemical Engineering Science	2017		172	694-706	**ISI**	https://www.sciencedirect.com/science/article/pii/S0009250917304517
118.	Khan, A., Khan, I., Khalid, A., & Shafie, S.	Effects of arbitrary shear stress on unsteady free convection flow of Casson fluid past a vertical plate.	Results in Physics.	2017				**ISI**	https://www.sciencedirect.com/science/article/pii/S2211379717310 15X
119.	Khan, A., Abro, K. A., Tassaddiq, A., & Khan, I.	Atangana--Baleanu and Caputo Fabrizio Analysis of Fractional Derivatives for Heat and Mass Transfer of Second Grade Fluids over a Vertical Plate: A Comparative Study.	Entropy	2017	19			**ISI**	http://www.mdpi.com/1099-4300/19/8/279

120.	Asjad, M. I., Shah, N. A., Aleem, M., & Khan, I.	Heat transfer analysis of fractional second-grade fluid subject to Newtonian heating with Caputo and Caputo-Fabrizio fractional derivatives: A comparison.	The European Physical Journal Plus,	2017	132	340		**SCOPUS**	https://link.springer.com/article/10.1140/epjp/i2017-11606-6
121.	Khan, Z., Khan, M. A., Khan, I., Islam, S., & Siddiqui, N.	Two-phase coating flows of a non-Newtonian fluid with linearly varying temperature at the boundaries an exact solution.	Optical Engineering,	2017	56	075104		-	https://www.spiedigitallibrary.org/journals/Optical-Engineering/volume-56/issue-7/075104/Two-phase-coating-flows-of-a-non-Newtonian-fluid-with/10.1117/1.OE.56.7.075104.short?SSO=1
122.	Zin, N. A. M., Mohamad, A. Q., Khan, I., & Shafie, S.	Porosity effect on unsteady MHD free convection flow of Jeffrey fluid past an oscillating vertical plate with ramped wall temperature.	Malaysian Journal of Fundamental and Applied Sciences	2017	13			-	https://mjfas.utm.my/index.php/mjfas/article/view/532
123.	Abro, K. A., Shaikh, H. S., & Khan, I.	A mathematical Study of Magnetohydrodynamic Casson Fluid via Special Functions with Heat and Mass Transfer embedded in Porous Plate	Malaysian Journal of Fundamental sciences	2017				-	https://arxiv.org/abs/1706.03829
124.	Ali, F., Sheikh, N. A., Khan, I., & Saqib, M.	Solutions with Wright Function for Time Fractional Free Convection Flow of Casson Fluid	Arabian Journal for Science and Engineering	2017	42		2565-2572	**SCOPUS**	https://link.springer.com/article/10.1007/s13369-017-2521-3
125.	**Khan, I.**	Shape effects of MoS 2 nanoparticles on MHD slip flow of molybdenum Disulphide Nanofluid in a Porous medium.	Journal of Molecular Liquids	2017	233		442-451	**SCOPUS**	https://www.sciencedirect.com/science/article/pii/S0167732217304786
126.	Aman, S., **Khan, I**., Ismail, Z., Salleh, M. Z., & Al-Mdallal, Q. M.	Heat transfer enhancement in free convection flow of CNTs Maxwell nanofluids with four different types of molecular liquids.	Scientific Reports	2017	7		2445	**ISI**	https://www.nature.com/articles/s41598-017-01358-3
127.	Abro, K. A., & **Khan, I.**	Analysis of the Heat and Mass Transfer in the MHD flow of a Generalized Casson Fluid in a Porous Space Via Non-Integer Order Derivatives without a Singular Kernel.	Chinese Journal of Physics	2017				**ISI**	https://www.sciencedirect.com/science/article/abs/pii/S0577907317302277

128.	Agaie, B. G., Khan, I., Alshomrani, A. S., & Alqahtani, A. M.	Reduced-order modellin for high-pressure transient flow of hydrogen-natural gas mixture	The European Physical Journal Plus.	2017	132	5	234	**ISI**	https://link.springer.com/article/10.1140/epjp/i2017-11435-7
129.	Ali, L., Islam, S., Gul, T., Khan, I., Dennis, L. C. C., Khan, W., & Khan, A.	The Brownian and Thermophoretic Analysis of the Non-Newtonian Williamson Fluid Flow of Thin Film in a Porous Space over an Unstable Stretching Surface.	Applied Sciences.	2017	7	4	404	-	http://www.mdpi.com/2076-3417/7/4/404
130.	Gul, T., Khan, A. S., Islam, S., Alqahtani, A. M., Khan, I., Alshomrani, A. S., & Alzahrani, A. K.	Heat Transfer Investigation of the Unsteady Thin Film Flow of Williamson Fluid Past an Inclined and Oscillating Moving Plate.	Applied Sciences	2017	7	4	369	-	http://www.mdpi.com/2076-3417/7/4/369
131.	Khan, I., Shah, N. A., Mahsud, Y., & Vieru, D.	Heat transfer analysis in a Maxwell fluid over an oscillating vertical plate using fractional Caputo-Fabrizio derivatives.	The European Physical Journal Plus	2017	132	4	194	**ISI**	https://link.springer.com/article/10.1140/epjp/i2017-11456-2
132.	Saqib, M., Ali, F., Khan, I., Sheikh, N. A., & Jan, S. A. A	Exact solutions for free convection flow of generalized Jeffrey fluid: A Caputo-Fabrizio fractional model	Alexandria Engineering Journal	2017				**Scopus**	https://www.sciencedirect.com/science/article/pii/S1110016817301084
133.	Khan, N. S., Islam, S., Gul, T., Khan, I., Khan, W., & Ali, L.	Thin film flow of a second grade fluid in a porous medium past a stretching sheet with heat transfer.	Alexandria Engineering Journal	2017				**Scopus**	https://www.sciencedirect.com/science/article/pii/S1110016817300534
134.	Gul, T., Shayan, W., Ali, F., Khan, I., Shafie, S., & Sheikh, N. A.	Analysis of time dependent third grade fluid in wire coating.	Non-Linear Science Latter A	2017				-	http://www.nonlinearscience.com/ponline/7.pdf
135.	Ghani, F., Gul, T., Islam, S., Shah, R. A., Khan, I., Sharida, S., ... & Khan, M. A.	unsteady magnetohydrodynamics thin film flow of a third grade fluid over an oscillating inclined belt embedded in a porous medium	thermal science	2017	21		875-887	-	http://www.doiserbia.nb.rs/img/doi/0354-9836/2017/0354-98361500054G.pdf
136.	Ali, L., Saeed, I., Gul, T., Alshomrani, A., Khan, I., & Aurangzeb, K.	Magnetohydrodynamics thin film fluid flow under the effect of thermophoresis and variable fluid properties.	AIChE Journal.	2017				**ISI**	http://onlinelibrary.wiley.com/doi/10.1002/aic.15794/abstract

137.	Ullah, I., Khan, I., & Shafie, S.	Soret and Dufour effects on unsteady mixed convection slip flow of Casson fluid over a nonlinearly stretching sheet with convective boundary condition.	Scientific Reports,	2017	7			**ISI**	http://www.nature.com/articles/s41598-017-01205-5
138.	Sheikh, N. A., Ali, F., Saqib, M., Khan, I., & Jan, S. A. A.	A comparative study of Atangana-Baleanu and Caputo-Fabrizio fractional derivatives to the convective flow of a generalized Casson fluid.	The European Physical Journal Plus	2017	132	1	54	**ISI**	https://link.springer.com/article/10.1140/epjp/i2017-11326-y
139.	Ullah, I., Shafie, S., & Khan, I.	Effects of slip condition and Newtonian heating on MHD flow of Casson fluid over a nonlinearly stretching sheet saturated in a porous medium.	Journal of King Saud University-Science	2017	29	2	250-259.	**Scopus**	https://www.sciencedirect.com/science/article/pii/S1018364716301562
140.	Sheikh, N. A., Ali, F., Khan, I., Saqib, M., & Khan, A.	MHD flow of micropolar fluid over an oscillating vertical plate embedded in porous media with constant temperature and concentration.	Mathematical Problems in Engineering	2017				**ISI**	https://www.hindawi.com/journals/mpe/2017/9402964/
141.	Khan, A., Junaid, M., Khan, I., Ali, F., Shah, K., & Khan, D	Application of homotopy analysis natural transform method to the solution of nonlinear partial differential equations.	Science International	2017	29		297-303	-	http://www.sci-int.com/pdf/636307014948292956.pdf
142.	Zin, N.A.M., Khan, I., Shafie, S., Alshomrani, A.S.,	Analysis of heat transfer for unsteady MHD free convection flow of rotating Jeffrey nanofluid saturated in a porous medium.	Results in Physics	2017	7		288–309	ISI	https://www.sciencedirect.com/science/article/pii/S2211379716306106
143.	Sidra Aman, Mohd Zuki Salleh, Zulkhibri Ismail and Ilyas Khan,	Exact solution for heat transfer free convection flow of Maxwell nanofluids with graphene nanoparticles	Journal of Physics: Conf. Series	2017	doi :10.1088/1742-6596/890/1/012004			Scopus	http://iopscience.iop.org/article/10.1088/1742-6596/890/1/012004/meta
144.	N A Mohd Zin, Ilyas Khan and S Shafie	Unsteady MHD free convection flow of rotating Jeffrey fluid embedded in a porous medium with ramped wall temperature	Journal of Physics: Conf. Series	2017	doi :10.1088/1742-6596/890/1/012043.			Scopus	http://iopscience.iop.org/article/10.1088/1742-6596/890/1/012043

145.	AQ Mohamad, Y. JLim, Ilyas Khan, NAMZin, S Shafie, Z Ismail	Analytical solution for unsteady second grade fluid in the presence of non-coaxial rotation.	Journal of Physics: Conf. Series	2017				Scopus	http://iopscience.iop.org/article/10.1088/1742-6596/890/1/012040
146.	Kashif ALI ABRO, Ilyas KHAN, Abdon ATANGANA Tarek Nabild, Ahmed ABDELHMEE	Effects of fractional derivative without singular kernel on magnetohydrodynamic micropolar fluid with porous plate	Thermal Science	Nov 2017	accepted			-	https://www.researchgate.net/publication/315747688_Exact_solutions_for_free_convection_flow_of_generalized_Jeffrey_fluid_A_CaputoFabrizio_fractional_model
147.	M. IBRAHIM*, HAYAT ULLAH†,§ , SAEED ULLAH JAN*, MANZAR ALI† and M. GULBAHAR ASHIQ	STRUCTURAL PARAMETERS AND OPTOELECTRONIC PROPERTIES OF Mg-IV-V2 (IV¼Si, Ge, Sn AND V¼P, As) COMPOUNDS	Surface Review and Letters	2017	25	8	1850108-19	ISI	http://www.worldscientific.com/doi/abs/10.1142/S0218625X18501081
148.	Syed SarmadAli Shah1 , AfzalKhan1 , ShahHaidarKhan1 , Nisar Muhammad1 , SaleemAyazKhan2, M GulbaharAshiq3 and G Murtaza4,	Ab initio study of the electronic and optical properties of Ag3 AuS2 polymorphs	Mater. Res. Express	2017		4	085907	ISI	http://iopscience.iop.org/article/10.1088/2053-1591/aa817a/meta
149.	Mohammed El Amine Monir , , Hayat Ullah , , Hadj Baltach , M. Gulbahar Ashiq , R. Khenata	Mechanical and magneto-electronic properties of half-metallic ferromagnetism in Ti-doped ZnSe and CdSe alloys: Ab initio study	Journal of Magnetism and Magnetic Materials	2017	442		107-117	**ISI**	https://www.sciencedirect.com/science/article/abs/pii/S0304885317312921
150.	Gulbahar Ashiq, Ilyas Khan,N. Hamadneh, Waqar A khan	Current Therapeutic Techniques and Nanophotolysis Approach for Treatment of Breast Cancer	Journal of Computational and Theoretical Nanoscience	2016	13		8638–-8642	-	http://www.ingentaconnect.com/contentone/asp/jctn/2016/00000013/00000011/art00121
151.	**Mukhtar M. Salah**	Moments of Upper Record Values from Marshall-Olkin Exponential Distribution"	Journal of Statistics Applications and Probability An International Journal	2016	5	2	1-7	-	http://www.naturalspublishing.com/Article.asp?ArtcID=8651
152.	**Mukhtar M. Salah**	Parameter Estimation of the Marshall-Olkin Exponential Distribution under Type-II Hybrid Censoring Schemes and its Applications	Journal of Statistics Applications & Probability	2016	5	3	1..8	-	http://www.naturalspublishing.com/Article.asp?ArtcID=11413
153.	**A. E. Matouk A**. A. Elsadany · Baogui Xin	Neimark–Sacker bifurcation analysis and complex nonlinear dynamics in a heterogeneous quadropoly game with an isoelastic demand function	Nonlinear Dynamics	2017	89		2533–2552	**SCOPUS**	https://link.springer.com/article/10.1007/s11071-017-3602-2

154.	**Mukhtar M. Salah**	Bayesian Estimation of the Scale Parameter of the Marshall-Olkin Exponential Distribution under Progressively Type-II Censored Samples	Journal of Statistical Theory and Applications	2018	17	1	14-1	**Scopus**	http://dx.doi.org/10.2991/jsta.2018.17.1.1
155.	Kashif Uddin, M. and **Mukhtar M. Salah**,	Statistical analysis of litchi chinesis's adsorption behavior towards Cr(VI),	Journal Applied Water Science	2018	8	8	149-140	**ISI**	https://doi.org/10.1007/s13201-018-0784-9
156.	Faiz Faizullah, **Ilyas Khan, Mukhtar M. Salah** and Ziyad A. Alhussain	Estimates for the Difference Between Approximate and Exact Solutions to Stochastic Differential Equations in the Framework. Journal of Taibah University for Science,	Journal of Taibah University for Science	Accepted(3/9/2018)				**ISI**	
157.	Mohammad Kashif Uddin, Rifaqat Ali Khan Rao, Kotturu VV Chandra Mouli	The artificial neural network and Box-Behnken design for Cu2+ removal by the pottery sludge from water samples: Equilibrium, kinetic and thermodynamic studies	Journal of Molecular Liquids (Elsevier)	2018	266		617-627	ISI	https://www.sciencedirect.com/science/article/pii/S0167732218316969
158.	Amna Khatoon, Mohammad Kashif Uddin, Rifaqat Ali Khan Rao	Adsorptive remediation of Pb (II) from aqueous media using Schleichera oleosa bark	Environmental Technology & Innovation (Elsevier)	2018	11		1-14	ISI	https://www.sciencedirect.com/science/article/pii/S235218641730411X
159.	**Muhammad Gul Bahar Ashiq**	Breast cancer treatment by nanophotolysis approach	Results in Physics	2018	9		982-986	ISI	https://www.sciencedirect.com/science/article/pii/S2211379717325317
160.	A. Al-khedhairi, S. S. Askar ,A. E. Matouk , A. Elsadany, and M. Ghaze	Dynamics, Chaos Control, and Synchronization in a Fractional-Order Samardzija-Greller Population System with Order Lying in (0, 2)	Complexity	2018				ISI	https://doi.org/10.1155/2018/6719341

2. Conferences

No.	Authors	Article Title	Name of Conference	Year	Number	Country	ISI/ SCOPUS	Link of Paper

1.	Zulkhibri Ismail, **Ilyas Khan**, Anwar Imran, Abid Hussanan and Sharidan Shafie.	Double diffusion and radiation effects on MHD free convection flow in a porous medium past an infinite inclined plate with ramped wall temperature.	Proceedings. Regional Annual Fundamental Science Symposium (2013), (Persada Johor Convention Centre),	2012	Page No. 10-13.	Malaysia		
2.	Zulkhibri Ismail, Abid Hussanan, **Ilyas Khan** and Sharidan Shafie.	MHD free convection flow in a porous medium past an infinite inclined plate with ramped wall temperature	International Science Postgraduate Conference 2012 (ISPC2012)	2012	Page No. 226-241.			
3.	Muhamad Najib Zakaria, Abid Hussanan, **Ilyas Khan** and Sharidan Shafie.	Radiation effects on free convection flow of Brinkman type fluid with ramped wall temperature.	International Science Postgraduate Conference 2012 (ISPC2012)	2012	Page No. 276-294.			
4.	Abid Hussanan, Muhamad Najib Zakaria, Samiulhaq, **Ilyas Khan** and Sharidan Shafie.	Magnetohydrodynamic free convection flow in a porous medium with Newtonian heating.	International Science Postgraduate Conference	2012				
5.	Zulkhibri Ismail, **Ilyas Khan**, Anwar Imran, Abid Hussanan and Sharidan Shafie.	Double diffusion and radiation effects on MHD free convection flow in a porous medium past an infinite inclined plate with ramped wall temperature. Proceedings.	Regional Annual Fundamental Science Symposium (2013), (Persada Johor Convention Centre),	2013	Page No. 10-13			
6.	Ahmad Qushairi Mohamad, **Ilyas Khan**, Zulkhibri Ismailand Sharidan Shafie	The Unsteady Free Convection Flow of Second Grade Fluid in Rotating Frame with Ramped Wall Temperature	Proceedings of the 21st National Symposium on Mathematical Sciences (SKSM21): Germination of Mathematical Sciences Education and Research towards Global Sustainability	2014/7/10	Vol. 1605, Pages: 398-403-	Malaysia		
7.	Abid Hussanan, **Ilyas Khan,** Zulkhibri Ismail, Sharidan Shafie.	Analysis of heat transfer in Jeffrey fluid over an oscillating vertical plate with Newtonian heating.	2nd International Science Postgraduate Conference, March 2014, Ibnu Sina Institute, Universiti Teknologi Malaysia, Johor Bahru, Malaysia.	2014	10-12	Malaysia		
8.	Zulkhibri Ismail, **Ilyas Khan**, Nadirah Mohd Nasir, Rahimah Jusoh, Mohd Zuki Salleh and Sharidan Shafie	The Effects of Magnetohydrodynamic and Radiation on Flow of Second Grade Fluid Past an Infinite Inclined Plate in Porous Medium	The 2nd ISM International Statistical Conference 2014 (ISM-II): Empowering the Applications of Statistical and Mathematical Sciences	2015/2/3	Vol.1643 Pages:563-569 Publisher: AIP Publishing			

9.	Zulkhibri Ismail, **Ilyas Khan**, Rahimah Jusoh, Nadirah Mohd Nasir, Mohd Zuki Salleh and Sharidan Shafie	Rotation Effects on Unsteady Magnetohydrodynamic Second Grade Fluid Flow in a Porous Medium Past an Infinite Inclined Plate	The 2nd ISM International Statistical Conference 2014 (ISM-II): Empowering the Applications of Statistical and Mathematical Sciences	2015/2/3	Vol.1643 Pages:555-562 Publisher: AIP Publishing			
10.	Hussanan Abid, Salleh Mohd Zuki, Mat Tahar Razman and**Khan Ilyas**	Thermal-Diffusion Effects on Mixed Convection Flow in a Heat Absorbing Fluid with Newtonian Heating and Chemical Reaction	The 2nd ISM International Statistical Conference 2014 with Applications in Sciences and Engineering (ISM-II) MS Garden Hotel, Kuantan, Pahang DM. 12-14 Ogos 2014	2015	Vol. 1643 Pages: 587 Publisher: AIP Publishing	Malaysia		
11.	**Ilyas Khan**, Abid Hussanan, Mohd Zuki Salleh and Razman Mat Tahar	Exact Solutions of Accelerated Flows for a Generalized Burgers' Fluid, I: The Case	The 4th International Conference on Computer Science and Computational Mathematics (ICCSCM 2015), Langkawi, Malaysia	2015/7/8	Pages:47-52 Publisher: Science & Knowledge Research Society	Malaysia		
12.	Lim Yeou Jiann, Zulkhibri Ismail, **Ilyas Khan** and Sharidan Shafie	Unsteady Magnetohydrodynamics Mixed Convection Flow in a Rotating Medium with Double Diffusion	International Conference on Mathematics, Engineering and Industrial Applications 2014 (ICOMEIA 2014)	2015/5/15	Vol.1660 Pages:050082 Publisher: AIP Publishing	Malaysia		
13.	Z Ismail, **I Khan**, AQ Mohamad and S. Shafie	Second Grade Fluid for Rotating MHD of an Unsteady Free Convection Flow in a Porous Medium	Defect and Diffusion Forum	2015/5/6	Vol.362 Pages: 100-107 Publisher:			
14.	Sharidan Shafie, Aaiza Gul, **Ilyas Khan**	Molybdenum disulfide nanoparticles suspended in water-based nanofluids with mixed convection and flow inside a channel filled with saturated porous medium	AIP Conference Proceedings	2016	Vol: 1775 Issue: 1 Pages: 030042 Publisher: AIP Publishing			
15.	Nor Athirah Mohd Zin, **Ilyas Khan**, Sharidan Shafie	Thermal radiation in unsteady MHD free convection flow of Jeffrey fluid with ramped wall temperature	AIP Conference Proceedings	2016	Vol: 1750 Issue: 1			
16.	Ahmad Qushairi Mohamad, **Ilyas Khan,** Sharidan Shafie	Unsteady free convection flow of rotating MHD second grade fluid in a porous medium over an oscillating plate	AIP Conference Proceedings	2016	Vol: 1750 Issue: 1			

17.	Abid Hussanan, Mohd Zuki Salleh, **Ilyas Khan.**	Heat transfer in MHD flow of carbon nanotubes suspended nanofluid over a stretching sheet	The Asian Mathematical Conference (AMC 2016), (Abstract). July 25-29, 2016, Bali, Indonesia.	2016				
18.	Hussanan Abid, Salleh Mohd Zuki, **Khan Ilyas**	Effects of Newtonian Heating and Inclined Magnetic Field on Two Dimensional Flow of a Casson Fluid over a Stretching Sheet	Proceedings of 5th World Conference on Applied Sciences, Engineering and Technology (WCSET 2016), 2-4 June 2016 , Ho Chi Minh City, Vietnam	2016				
19.	Mohamad Ahmad Qushairi, Khan Ilyas, Nor Athirah, Mohd Zin, Ismail Zulkhibri, Shafie Sharidan	Effect of Ramped Wall Temperature on Unsteady Mixed Convection Flow of Rotating Second Grade Fluid in Porous Medium	Proceedings of the 6th IGCESH2016: International Graduate Conference on Engineering, Science and Humanities	2016		ISBN 978-967-0194-67-7		
20.	Abid Hussanan, Mohd Zuki Salleh, Razman Mat Tahar, Ilyas Khan	Unsteady boundary layer heat and mass transfer flow of a Casson fluid past an oscillating vertical plate with Newtonian heating	8th International Congress of Industrial and Applied Mathematics, August 2015, Beijing, China. (Abstract)	2015		10-14,		
21.	Arshad Khan, Ilyas Khanand Sharidan Shafie	Radiation and Porosity Effects on the Magnetohydrodynamic Flow Near a Vertical Plate that Applies Shear Stress to the Fluid with Mass Diffusion	Proceedings of the 3rd International Conference on Mathematical Sciences	2014/6/19	Vol. Pages:227-232 Publisher: AIP Publishing	Malaysia		
22.	Abid Hussanan, Mohd Zuki Salleh, Ilyas Khan, Razman Mat Tahar.	Unsteady heat transfer flow of a Casson fluid with Newtonian heating and thermal radiation.	3rd International Conference on Computational and Social Sciences, August 2015, Johor Bahru, Malaysia,	2015	25-27,	Malaysia		
23.	Nor Athirah Mohd Zin, Ahmad Qushairi Mohamad, Ilyas Khan, Sharidan Shafie	Heat and mass transfer of unsteady MHD free convection flow of second grade fluid with Newtonian heating	AIP Conference Proceedings	2016	Vol 1775 Issue:1 Pages: 030007 Publisher: AIP Publishing			
24.	Zulkhibri Ismail, Ilyas Khan, Nadirah Mohd Nasir, Rahimah Jusoh, Mohd Zuki Sallehand Sharidan Shafie	Rotation Effects on Coupled Heat and Mass Transfer by Unsteady MHD Free Convection Flow in a Porous Medium Past an Infinite Inclined Plate	Proceedings of the 21st National Symposium on Mathematical Sciences (SKSM21): Germination of Mathematical Sciences Education and Research towards Global Sustainability	2014/7/10	Vol.1605 Pages:410-415 Publisher: AIP Publishing	Malaysia		

25.	Ahmad Qushairi Mohamad, Ilyas Khan, Zulkhibri Ismail, Nor Athirah Mohd Zin, Sharidan Shafie	Heat transfer on mixed convection flow of rotating second grade fluid with ramped wall temperature	AIP Conference Proceedings	2016	Vol: 1775 Issue: 1 Pages: 030013 Publisher: AIP Publishing			
26.	Abid Hussanan, Mohd Zuki Salleh, Ilyas Khan	Heat transfer in MHD flow of carbon nanotubes suspended nanofluid over a stretching sheet	The Asian Mathematical Conference (AMC 2016), July 25-29, 2016, Bali, Indonesia. (Abstract)	2016	Page No. 296,	Indonesia		
27.	Sidra Aman, Ilyas Khan, Zulkhibri Ismail, Mohd Zuki Salleh	Heat and mass transfer enhancement in Mixed Convection Poiseuille flow of nanofluid with gold nanoparticles in the presence of thermal diffusion and chemical reaction	2nd International Conference on Emerging Trends in Engineering, Management and Scineces" December 28-30, 2016 (ICETEMS-2016) Peshawar, Pakistan	2016	Pages: 7	Pakistan		
28.	Nadeem Ahmad Sheikh, Farhad Ali, Ilyas Khan,	Exact solutions for MHD Unsteady Flow of second grade fluid in Porous Medium with Heat Transfer	2nd International Conference on Emerging Trends in Engineering, Management and Scineces" December 28-30, 2016 (ICETEMS-2016) Peshawar, Pakistan	2016	Pages: 8	Pakistan		
29.	Muhammad Saqib, Farhad Ali, Ilyas Khan, Nadeem Ahmad Sheikh	Application of Caputo-Fabrizio Derivatives to MHD Free Convection Flow of Generalized Walters'-B Fluid Model	2nd International Conference on Emerging Trends in Engineering, Management and Scineces" December 28-30, 2016 (ICETEMS-2016) Peshawar, Pakistan	2016	Pages: 10	Pakistan		
30.	Syed AftabAlam Jan, Farhad Ali, Ilyas Khan,	Time fractional free convection flow of generalized micropolar fluid	2nd International Conference on Emerging Trends in Engineering, Management and Scineces" December 28-30, 2016 (ICETEMS-2016) Peshawar, Pakistan	2016	Pages: 12	Pakistan		
31.	MadehaGohar, Farhad Ali, Ilyas Khan	MHD flow of Brinkman type nanofluid with heat transfer in a porous medium	2nd International Conference on Emerging Trends in Engineering, Management and Scineces" December 28-30, 2016 (ICETEMS-2016) Peshawar, Pakistan	2016	Pages 10	Pakistan		
32.	Mukhtar M. Salah	Bayesian Estimation of the Scale Parameter of the Marshall-Olkin Exponential	Fifth Palestinian Conference on Modern Trends in Mathematics and Physics (PCMTMP-V)	2016	Pages 12	Arab American University of Jenin (AAUJ) ,Palestine		
33.	Tarek Haweel, Tarek N Abdelhameed	Power series neural network solution for ordinary differential equations with initial conditions	Communications, Signal Processing, and their Applications (ICCSPA),2015 International Conference;	Article ID 7081317, 5 pages ; IEEE Conference Publications.				

3. Books

No.	Author	Title of Book	Publisher Name	Year	ISBN
1.	M G B Ashiq	Photoconductivity of ZnO2-MoO3-P2O5 Glasses	Lambert	2017	978-3-330-04614-6
2.	Ilyas Khan, AaizaGul and SharidanShafie	Energy Transfer in MHD Mixed Convection Channel Flow of Nanofluids,	Lambert Academic Publishing (LAP)	2016	ISSN No. 978-3-659-85363-0
3.	Nor AthirahMohdZin, Ilyas Khan and SharidanShafie	Heat Transfer in unsteady Free Convection Flow of Jeffrey Nanofluids	Lambert Academic Publishing (LAP)	2016	ISSN No. 978-3-659-955777-2
4.	Imranullah, **Ilyas Khan** and SharidanShafie	Energy Transfer in MHD Mixed Convection Channel Flow of Nanofluids	Lambert Academic Publishing (LAP)	2016	ISSN No. 978-3-659-85363-0.
5.	Asma Khalid, Ilyas Khan and SharidanShafie	Heat Transfer in Casson and Four Types of Water-Based Nanofluids	Lambert Academic Publishing (LAP)	2016	ISSN No. 978-3-659-96332-2
6.	Z. Ismail**, I. Khan**, A.Q. Mohamad, S. Shafie	Fluid Flow, Energy Transfer and Design II Second Grade Fluid for Rotating MHD of an Unsteady Free Convection Flow in a Porous		2015	ISBN-13: 978-3-03835-439-0
7.	Aaiza Gul, **Ilyas Khan**, Sharidan Shafie	Energy Transfer in Mixed Convection MHD Flow of Nanofluid Containing Different Shapes of Nanoparticles in a Channel Filled with Saturated Porous Medium	INTECH	2017	1
8.	**Mohammad Kashif Uddin,** R Bushra	Enhancing Cleanup of Environmental Pollutants	Springer	2017	978-3-319-55423-5, 978-3-319-55422-8

9.	**Mohammad Kashif Uddin,** PF Rehman	Inorganic Pollutants in Wastewater	Material Research Forum, USA	2017	978-1-945291-34-0, 978-1-945291-35-7
10.	**Mohammad Kashif Uddin,** Z Rehman	Nanomaterials for the Wet Processing of Textiles	Wiley	2018	9781119459804