

Research outcomes: College of Engineering and Architecture

Academic Year 2019 – 2020

College/University Units		College of Engineering				
Department/School		DCEE	DCE	DECE	AID	CEA Total
Journal papers Published		13	15	4	2	34
No. of faculty		8	7	6	8	29
J. paper/faculty		1.625	2.142	0.666	0.25	1.172
Journal papers Accepted		1	1	2		4
Books/Book Chapters			1			1
Conference Papers	International	3		1	5	9
	National	2	4	2	20	28
Conference Attendance	International	3	2	1	8	14
	National	9	10	9	9	37
Seminars (organized)		1	4	1	5	11
Workshop (organized)		3	4	4	2	13
Bachelor Graduation Projects		6	9	3	18	36
Awards		2	1			3
International Research Collaboration		--		-	-	-
Approved URG (FURAP)		-	-	-	-	-
Approved ORG (TRC project)		2	1	-	-	3

List of Journal Papers Academic Year 2019 – 2020

College of Engineering and Architecture					
#	Article Details	Journal Details	Journal Quality	Affiliation	Department
1	Development of a highway driving events identification and classification using smartphone Munaf Salim Najim Al-Din, and Atef Saleh Al-Mashakbeh	International Journal of Nanoparticles Volume 12, Issue 1-2, Pages 152-173 Inderscience Publishers	Scopus Q4 SJR 0.14	University of Nizwa and Tafila Technical University	Electrical and Computer Engineering
2	Asset Management In Power Network Towards Optimization Performance Using Integrated, Intelligent And Automated (IIA) Scheme Mohamed Yousuf and Ramzi Ahmed	International journal of scientific & technology research /volume 8, issue 11, november 2019/ issn 2277-8616	Scopus Journal Q4 SJR:0.4	University of Nizwa	Electrical and Computer Engineering
3	Implementation of Smart Energy Meter Using Arduino – GSM Technology Mohamed Yousuf	Journal of Information and Computational Science/Volume 9 Issue 11 - 2019/ ISSN: 1548-7741	-	University of Nizwa	Electrical and Computer Engineering
4.	A New Method to Enhance LRU Page Replacement Algorithm Performance Ali A. Titinchi and Nasser Halasa	International journal of scientific & technology research volume 9, issue 02, february 2020/ issn 2277-8616	Scopus Journal Q4 SJR: 0.4	University of Nizwa And Philadelphia University/Jordan	Electrical and Computer Engineering

5	A hybrid membrane-absorption process for Carbon Dioxide Capture: Effect of Different Alkanolamine on Energy Consumption, Qazi Nasir	Iranian Journal of Chemistry and Chemical Engineering, 2019, Article in press	SJR = 0.19, H-Index = 19, Scopus Indexed	University of Nizwa	Chemical and Petrochemical Engineering
6	Effect of reaction conditions on the activity of novel carbon nanofibers based Cu/zro ₂ catalysts for CO ₂ hydrogenation to methanol, Israf Ud Din, Maizatul S. Shaharun, A. Naeem, Mshari A. Alotaibi, Abdulrahman I. Alharthi and Qazi Nasir	Comptes rendus chimie Vol 23, Issue 1, P: 57-61, 2020	SJR = 0.56, Q2, Scopus Indexed Elsevier Masson	University of Nizwa	Chemical and Petrochemical Engineering
7	A review on the role and impact of various additives as promoters/ inhibitors for gas hydrate formation, Qazi Nasir , Humbul Suleman, Yasir A. Elsheikh	Journal of Natural Gas Science and Engineering Volume 76, 2020, 103211	H-Index=43S JR = 1.36, Q1, IF:3.859, Scopus Indexed ELSEVIER	University of Nizwa	Chemical and Petrochemical Engineering
8	Carbon nanofibers as potential materials for catalysts support, a mini-review on recent advances and future perspective,. Israf Ud Din, Maizatul S. Shaharun, A. Naeem, Mshari A. Alotaibi, Abdulrahman I. Alharthi, M. Afroz Bakht, Qazi Nasir ,	Ceramics International Vol 46, Issue 11, P 18446-18452, 2020	H-Index = 89, SJR = 0.89, Q1, IF:3.45, Scopus Indexed ELSEVIER	University of Nizwa	Chemical and Petrochemical Engineering

9	Effect of pyrazolium ionic liquid halide content on in-situ transesterification, Elsheikh Yasir ; Fawzi Elfagih, Qazi Nasir	Journal of Process Safety and Environmental Protection, Vol 140, P 273-282, 2020	IF = 4.384, Scopus Indexed, Q1 Elsevier	University of Nizwa	Chemical and Petrochemical Engineering
10	Additives Aid Switch to Protect the Photodegradation of Plastics in Outdoor Construction Salam A. Mohammed , Rahimi M. Yusop, Mohammed Abdulsattar, Rasheed Abed, Dina S. Ahmed, Ahmed Abdulrazaq Ahmed, Ahmed Abdulelah Ahmed	Al-Nahrain Journal for Engineering Sciences, Vol:22, Iss:4, pp:277-282, 2019-11-17	2.114	University of Nizwa, Al Nahrain University	Chemical and Petrochemical Engineering
11	Green synthesis of silver nanoparticles by plants extract Dina S. Ahmed, Teeba Hashim Mohammed, Mohsen Hashim Risan, Liqaa H. Najim, Salam A. Mohammed , Rahimi M. Yusop, Emad Yousif	International journal of chemical and process engineering research	IF=0.89 CAS	University of Nizwa, Al Nahrain University	Chemical and Petrochemical Engineering
12	Inhibition of Corrosion: Mechanisms and Classifications an Overview Ahmed A. Ahmed, Mohammed H. Al-mashhadani, Zainab Hussain, Salam A. Mohammed , Rahimi M. Yusop, Emad Yousif	Al-Qadisiyah Journal Of Pure Science (QJPS) Vol:25, Iss:2, pp:1-9, 2020-04-05	NA	University of Nizwa, Al Nahrain University	Chemical and Petrochemical Engineering
13	Assessment of Nanocalcite Synthesis Routs on Green Biodiesel	Biointerface Research in Applied Chemistry	IF=0.89 Scopus	University of Nizwa	Chemical and Petrochemical Engineering

	<p>Production: Comparative Study</p> <p>Salam A. Mohammed, Hazim F Abbas, Hajer Alshihi, Fazal Mabood, Emad Yousif, Ali Abd Ali, Zainab Hussain, Khamis Al Riami</p>	<p>Vol:10, Iss:5, pp:6139-6147, 2020-05-01</p>			
14	<p>A Review on COVID-19: Origin, Spread, Symptoms, Treatment, and Prevention</p> <p>Angham G. Hadi, Mohammed Kadhom, Nany Hairunisa, Emad Yousif, Salam A. Mohammed</p>	<p>Biointerface Research in Applied Chemistry</p> <p>Vol:10, Iss:6, pp:7234-7242, 2020-06-09</p>	<p>IF=0.89 Scopus</p>	<p>University of Nizwa, Al Nahrain University</p>	<p>Chemical and Petrochemical Engineering</p>
15	<p>Cost-effective treatment of sludge conditioning using supernatant fluid polyelectrolyt</p> <p>Salam Al-Dawery, Anwar Ahmed, Sajjala S. Reddy, Omaima Al-Hadhrami, Kareema Al-Lamki,</p>	<p>Environ Sci Pollut Res 27, 10790–10801</p>	<p>Scopus, IF:2.914, H-Index:82</p> <p>Q1 Springer</p>	<p>University of Nizwa</p>	<p>Chemical and Petrochemical Engineering</p>
16	<p>Methane decomposition with a minimal catalyst: An optimization study with response surface Methodology over ni/sio2 nanocatalyst</p> <p>U.p.m. ashik , hazzim f. Abbas , faisal abnisa , shinji kudoa, Jun-ichiro hayashi , w.m.a. wan daud</p>	<p>International journal of hydrogen energy, 45, 143 83-14395 (2 0 2 0)</p>	<p>Scopus, IF = 4.1</p> <p>Q1 Elsevier</p>	<p>University of Nizwa</p>	<p>Chemical and Petrochemical Engineering</p>

17	Probe sonication assisted ionic liquid treatment for rapid dissolution of lignocellulosic biomass. Asyraf Hanim Ab Rahim, Zakaria Man, Normawati Mohamad, Yasir A. Elsheikh.	Cellulose Volume 27, pages 2135–2148 (2019)	H-Index = 98, SJR = 0.92, Q1, IF= 3.917, Scopus Springer	University of Nizwa	Chemical and Petrochemical Engineering
18	Treatment of garage wastewater using activated carbon made from khat (catha edulis) and neem (azadirachta indica) leaves Suneeta kumari & sri hari kumar annamareddy,	Environment, development and sustainability, vol 22, pp 2967–2978 (2020)	Scopus Springer	University of Nizwa	Chemical and Petrochemical Engineering
19	Application of flying jet plasma torch for synthesis of iron based nano structures Wameath S. Abdul-Majeed, Mohammed A. Al Saadi, Muna M. Alsubhi, Aida K. Alabri, Khamis O. Al-Riyami, Sausan Al Yaqoobi.	Letters in Applied nanobioscience, 2020, 9 (3), 1188-1198.	Scilit AMG Transcend Association - Romania	University of Nizwa	Chemical and Petrochemical Engineering
20	Decolorization of sudan IV dye Solution by solar photo Fenton and TiO ₂ mediated solar photo Fenton Processes: a comparative study” V.Sairam and Sreedhar reddy Sajjala	International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 11, Issue 7, July 2020, pp. 149-160.	Scopus	University of Nizwa	Civil and Environmental Engineering
21	Significance of Attitudes, Passion, and Cultural Factors in Driver’s Speeding behavior in Oman: Application of Theory of Planned Behavior. Javid, M.A., and Al-Hashimi, A.R	International Journal of Injury Control and Safety Promotion, 27 (2):172-180. (2020)	IF: 0.875	University of Nizwa	Civil and Environmental Engineering

22	Public Perceptions on Prospects of Qingqi Paratransit Public Transport Service in Lahore. Javid, M.A. , Hussain, S. and Anwar, M.F.	Iranian Journal of Science and Technology: Transactions of Civil Engineering, 44(1):185-195. (2020)	IF = 0.8	University of Nizwa	Civil and Environmental Engineering
23	Identification of Delay Factor in Oman Construction Industry. Qadir Bux alias Imran Latif , Aysha Mehfoodh Dhiyab Al Saadi, Ismail Abdul Rahman	International journal of sustainable construction engineering and technology (ijscet) vol. 10 no. 1 (2019) 34-45	SCOPUS ISI	University of Nizwa	Civil and Environmental Engineering
24	Oman Construction Industry Prospective on Cause of Construction Material Waste Qadir Bux Alias Imran Latif , Thuraya Bal Arab Al Batashi, Kamran Latif Qureshi	International journal of integrated engineering (ijie) vol. 12 no. 1 (2020) 243-252	SCOPUS ISI Thomson Reuters (Clarivate Analytic)	University of Nizwa	Civil and Environmental Engineering
25	The Effectiveness of Thermal Insulated Concrete Blocks in Oman Almaawali S. and Ahmad A	Current Trends in Civil & Structural Engineering ISSN: 2643-6876 DOI: 10.33552/CTCSE.2020.04.000600		University of Nizwa	Civil and Environmental Engineering
26	Numerical simulation study on load deflection and strain curve of uhpfrc beams under static load Qadir Bux alias Imran Latif , Anas Ammar Al-Kabasi, Ali Saif Al-Ward, Nasrellah Hassan Ahmed	International Journal of Advance Science and Technology Vol. 29 No. 10S, (2020), pp. 1360 - 1371	SCOPUS	University of Nizwa	Civil and Environmental Engineering

27	Disinfection of total coliform bacteria in Falaj water by solar water disinfection (SODIS) Sreedhar R. Sajjala, Salam K.Al Dawery, Anwar Ahmed, Munira Ali Nasser Al Jabri1	Caspian journal of environmental Sciences, Topic:Engineering and Technology, Vol:17, Iss:4, pp:285-293, 2019-12-01	Scopus	University of Nizwa	Civil and Environmental Engineering
28	Anaerobic degradation of palm oil mill effluent with aluminum bauxite residue for methane production Anwar Ahmed, Salam Kadhim, Sajjala Sreedhar Reddy	Energy and Environment, Topic: Natural sciences, Vol:-, Iss:-, pp:1-16, 2020-05-07, SAGE, UK	Scopus, Impact Factor:1.092, H-Index:-	University of Nizwa	Civil and Environmental Engineering
29	Study on Grey water treatment using cement kiln dust and chemical coagulants. Anwar Ahmad, Sultan Ghadeer, Talal A-Hosini,	Journal of Applied Water Engineering and Research. DOI 10.1080/23249676.2020.1761900	ISI) I. Factor-0.98 H-Index Taylors Francis	University of Nizwa	Civil and Environmental Engineering
30	Bioavailability of zinc oxide nano particle with fly ash soil for the remediation of metals by <i>Parthenium hysterophorus</i> . J. Anwar Ahmad, R. Ghufraan, Talal A-Hosini,.	Environmental Health Science and Engineering. DOI: 10.1007/s40201-019-00434-2.	(ISI) I. Factor-3.69 Springer	University of Nizwa	Civil and Environmental Engineering
31	Process evaluation of petroleum wastewater treatment with zinc oxide nano particle for the production of methane gas. Anwar Ahmad	Applied Biochemistry and Biotechnology. Springer DOI: 10.1007/s12010-019-03137-4	(ISI) I. Factor-3.99. H-Index	University of Nizwa	Civil and Environmental Engineering

32	Effect of cement and lime on the index properties of Nizwa clayey soil Subhi Aziz Ali	International Journal of Innovations in Engineering and Technology, Vol:14, Iss:3, pp:8, 2019-10-31, SN PUBLISHERS, India	I.F = 0.672 H-Index= 15	University of Nizwa	Civil and Environmental Engineering
33	Optimization of the shading efficiency in the urban spaces in hot arid climate regions Khudhayer, W. A., Shaaban, A. K. and Abdul Sukor, N. S.	International Journal of Architectural Research, 13(2), pp. 444–458. doi: 10.1108/ARCH-12-2018-0038. 2019	ISI, SCOPUS	University of Nizwa	Architecture and Interior Design
34	Effects of horizontal dilation of urban space on shading efficiency in the Muscat region, Proceedings of the Institution of Civil Engineers Khudhayer, W. A., Shaaban, A. K. and Abdul Sukor, N. S.	Urban Design and Planning, 172(3), pp. 90–101. doi: 10.1680/jurdp.18.00041. Urban Design and Planning (2019)	SCOPUS	University of Nizwa	Architecture and Interior Design

List of Accepted Journal Papers Academic Year 2019 – 2020

College of Engineering and Architecture					
#	Article Details	Journal Details	Journal Quality	Affiliation	Department
1	<p>Bimetallic Mo–Fe Co-Catalyst-Based Nano-Carbon Impregnated on PAC for Optimum Super-Hydrophobicity</p> <p>Bashir O Betar , Mohammed A Alsaadi , Zaira Z. Chowdhury , Mohamed K Aroua, Farouq S. Mjall, Kaharudin Dimiyati, MHD N Hindia, Fawzi M. Alfghi, Yehya M. Ahmed and Hazim F Abbas</p>	Symmetry	SCOPUS, IF 2.1 Q2	University of Nizwa	Chemical and Petrochemical Engineering
2	<p>Real-Time Detection and Evaluation of Driving Events using Smartphone</p> <p>Munaf Salim Najim Al-Din</p>	Advances in Science, Technology and Engineering Systems Journal	SCOPUS Q3 SJR 0.12	University of Nizwa	Electrical and Computer Engineering
3	<p>Index Modulation Based Decision Gathering Schemes for Wireless Sensor Networks</p> <p>Abdullah Alhasanat</p>	Transactions on Emerging Telecommunications Technologies	SCOPUS Q2	University of Nizwa, Nizwa,.	Electrical and Computer Engineering
4	<p>Performance of Self Compacting Concrete Replaced with Saturated Recycled Aggregate</p> <p>Vivek K. Viswanath, Vilas Sankar K. P., Abhilasha P. S., M.Alosta</p>	International Journal of Engineering and Advanced Technology	SCOPUS Q4	University of Nizwa, Nizwa,.	Civil and Environmental Engineering

Published Books and Book Chapter in Year: 2019 – 2020

College of Engineering and Architecture

#	Book/Chapter Title	Faculty Name	Book/Chapter Details	Affiliation	Department
1	Current advances in materials applications	Salam A. Mohammed	Removal of Organic Contaminants from Textile Wastewater by Adsorption on Natural Biosorbent	UoN and Alnahrai n Universit y	Chemical and Petrochemical Engineering

International Conference Papers in Year: 2019 – 2020

College of Engineering and Architecture

#	Article Details	Department	Conference Details
1	Evaluation of thermal insulated concrete blocks in Oman. Almaawali S, Alsaedi D., Alqarni, M., Aljahwari M., Alrawahi A	Civil and Environmental Engineering	International Conference on Civil and Architectural Engineering (ICCAE) Jeju Island, South Korea 19th - 20th April, 2020
2	An Integrated RSS Approach for an Improved Location Estimation in Wireless Sensor Networks Abdullah Alhasanat	Electrical and Computer Engineering	International Conference on Engineering and Technology, Manchester, UK, November, 2019, pp 49-54.
3	Towards Muscat Governorate Development: A Prospective Urban Approach to Re-Design Old Al-Seeb Area Al-Kazee, Mohamed Faisal¹; Al-Sobhi, Roba²; Al-Maamari, Saja³; Al-Nairi, Siham⁴	Architecture and Interior Design	ARUP 2019, Architecture & Urbanism... A Smart Outlook Faculty of Engineering, Ain Shams University, 14-16 October 2019, Cairo, Egypt
4	Religiosity versus Secularism in Hagia Sophia Mrs. Sofia, Mr.Ravie	Architecture and Interior Design	International Conference on Civil, Architectural and Environmental Sciences - (ICAES-20) by Institute for Scientific Engineering and Research (ISER) 2 nd August 2020, Mumbai, India
5	Post-pandemic Architecture and Urbanism Mrs. Sofia, Mr.Ravie	Architecture and Interior Design	International Conference on Engineering & Technology-(ICET-20) by Society for Education (SFE) 9 th August 2020, Chennai, India
6	Sustainable Urban design strategies towards sustainable urban future““A case of growing multiple city centers from a single traditional	Architecture and Interior Design	2 nd International conference on Future smart cities (FSC) organized by Xiamen University, Malaysia, 5 th to 7 th November 2019,

	center within mud fort of ancient Bangalore” Mrs. Nasreen Dumi		
7	Soil-structure interaction analysis of multi-story building Aeid. A. Abdulrazeg1, Nasrellah H. A. , Mohamed Mohamed, Fatma Al Farsi	Civil and Environmental Engineering	2nd Conference for Engineering Sciences and Technology - CEST2 29-31 October 2019 - Sabratha –Libya
8	Numerical Study of Reinforced Concrete Beam Using Abaqus Software. Shama Al Hasani, Nasrellah H A , Aeid A. Abdulraeg, Q. B. A. Imran Latif	Civil and Environmental Engineering	27th World Conference on Applied Science, Engineering and Technology (27th WCASET)” 18th -19th March 2020, Dubai , UAE
9	Treatment of Falaj water using sand filter integrated with Phyto disinfectant” Ibtisam Sulaiman Al Busaidi, Bashair Nasser Said Al Badri, Sreedhar Reddy and Rama Mohan Rao	Civil and Environmental Engineering	Virtual International Conference on Natural disasters and their Early Warning Systems (NEWS) 2020 8 - 9 July, 2020 VIT University, India

National Conference Papers in Year: 2019 – 2020

College of Engineering and Architecture				
#	Article Details	Department	Conference Details	Fund
1.	Soil-structure interaction analysis of multi-story building Aeid. A. Abdulrazeg1, Nasrellah H. A. , Mohamed Mohamed, Fatma Al Farsi	Civil and Environmental Engineering	2nd Conference for Engineering Sciences and Technology - CEST2 29-31 October 2019 - Sabratha –Libya	UoN
1	An Omani environment with three dimensional colors, Dr. Luai	Architecture and Interior Design	February 12, 2019, IDF FORUM 2019, organized by: Scientific College of Design ,Muscat ,Oman	UoN
2.	Omani Hara, The Legacy of Ancestors, A proposed methodology to merge the archaeological buildings in the tourism system in Sultanate of Oman. Dr Mamdouh I. Zaky	Architecture and Interior Design	Design Muscat 2019 organized by: Scientific College of Design ,Muscat ,Oman	UoN
3	Widad Al Rawahi and Anwar Ahmed TREATMENT OF PETROCHEMICAL WASTEWATER USING CONSTRUCTED WETLANDS	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Department of Civil & Environmental Engineering	UoN
4	Subhi Ali and Alhusain Al Hoqani Improvement of strength and compaction characteristics of Nizwa cohesive soil using date seeds	10th National Symposium on Engineering Final year Project, College of Engineering, University	Department of Civil & Environmental Engineering	UoN

		of Nizwa, 15 December, 2020, Nizwa, Oman		
5	Salam Al-Dawery , Muna Al Sabari and Safa Al Fazari PREPERATION OF SLUDGE BASED ACTIVATED CARBON AS METALS ADSORBENT	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Chemical and Petrochemical Engineering	UoN
6	Salam Al-Dawery , Atheer Al-Rashdi. and Iman Al-Nabhani Effect of types of electrodes on electricity generation from Microbial Fuel Cell (MFC)	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Chemical and Petrochemical Engineering	UoN
7	Hazim Abbas , Fatma Al-Farisi, Safa Al-Yahyaey, Salam M.Abdulkadim and Wafa Said PYROLYSIS OF THE PLASTIC BY USING TGA	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Chemical and Petrochemical Engineering	UoN
8	Sri Hari Kumar Annamareddy DESALINATION USING SOLAR POND INTEGRATED SOLAR STILL	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Chemical and Petrochemical Engineering	UoN
9	Ruqiya Alhiji and Mohamed Yousuf Application of Arduino & GSM Technology in Smart Energy Meter	10th National Symposium on Engineering Final year Project, College of Engineering, University	Electrical and Computer Engineering	UoN

		of Nizwa, 15 December, 2020, Nizwa, Oman		
10	Ali Titinchi, Huda Al Busaidi, Huria Al Sulaimani and Jawaher Al Siyabi Multi-Sensor Fire Detection with GSM Alarm System	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Electrical and Computer Engineering	UoN
11	Kauthar Mohammed Al-Shukairi and Mohamed Faisal Al Kazee	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
12	Ruqia Al-Azri and Mohamed Faisal Al Kazee	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
13	Maryam Satii Mustafa Al Shareedah and Mohamed Faisal Al Kazee	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
14	Zakiya Salim Al-Riyami and Mohamed Faisal Al Kazee	10th National Symposium on Engineering Final year Project, College of Engineering, University	Architecture & Interior Design	UoN

		of Nizwa, 15 December, 2020, Nizwa, Oman		
15	Omyma Khamis Al-Sulimi and Mohamed Faisal Al Kazee	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
16	Roba Nasser Al-Sobhi and Samir Al Qeisi	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
17	Noof Khamis Al-Naabi and Samir Al Qeisi	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
18	Sofia Sebastian and Afrah Mohammed Al Rudaini	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
19	Hudayfa Ali Luai Ali Al Jubori, Ravishankar Kr and Dr. Luai Ali Al Jubori	10th National Symposium on Engineering Final year Project, College of Engineering, University	Architecture & Interior Design	UoN

		of Nizwa, 15 December, 2020, Nizwa, Oman		
20	Salma Suliman Al-Hamali and Dr.Luai Ali Al Jubori	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
21	Balqees Mohammed Al-Darmake and Dr.Luai Ali Al Jubori	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
22	Jinan Mohammed Al-Rawahi. and Dr.Luai Ali Al Jubori	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
23	Abdulla Bassam Al Fakeeh and Wael Awa'ad Khudhayer	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
24	Walaa Said Alhoqani and Wael Awa'ad Khudhayer	10th National Symposium on Engineering Final year Project, College of Engineering, University	Architecture & Interior Design	UoN

		of Nizwa, 15 December, 2020, Nizwa, Oman		
25	Hajer Nasser Al Salmi and Mr. Samir Al Qeisi	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
26	Yaseen Mohammed Habash Al Azzawi and Dr.Luai Ali Al Jubori	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
27	Abdulrahman Samir Alqeisi and Dr.Luai Ali Al Jubori	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN
28	Kauthar Mohammed Al-Shukairi and Mohamed Faisal Al Kazee	10th National Symposium on Engineering Final year Project, College of Engineering, University of Nizwa, 15 December, 2020, Nizwa, Oman	Architecture & Interior Design	UoN

Conference Attendance
International Conferences in Year: 2019 – 2020

College of Engineering and Architecture				
#	Faculty Name	Depart.	Conference Details	Fund
1	Salam A. Mohammed	Chemical and Petrochemical Engineering	Practical Education and Internalization in Higher Education: Sharing perspective and Experiences 6-7 Oct 2019 Muscat	
2	Salam A. Mohammed	Chemical and Petrochemical Engineering	4th Industrial Revolution Towards Sustainable and Resilient Cities Through AI and IOT 18 June 2020 Dubai	
3	Dr Qadir Bux alias Imran Latif	Civil and Environmental Engineering	4th ASIA International Multidisciplinary Conference 2020,(4th AIMC 2020), UTM, Malaysia, 18th and 19th April 2020. (Online)	Self
4	Dr. Nasrellah Hassan Ahmed	Civil and Environmental Engineering	Concrete Institute Conference, Dubai World Trade Centre, Big5 , Dubai, 25-28.11.2019.	UoN
5	Dr.Sreedhar Reddy Sajjala	Civil and Environmental Engineering	6th Science and Technology Exchange Program", 2019-11-09 to 2019-11-12, Mustafa Science and Technology Foundation, Tehran, Iran, https://step.mstfdn.org/ , Sponsor: Mustafa Science and Technology Foundation	Mustafa Foundation Tehran

6	Dr. Abdullah Alhasanat	Electrical and Computer Engineering	International Conference on Engineering and Technology, Manchester, UK, November, 2019	400 OMR (Nizwa University)
7	Dr. Luai	Architecture and Interior Design	IDF FORUM 2019, organized by: Scientific College of Design, Muscat ,Oman 9 November 2019	Nil
8	Ms. Nasreen Kauser	Architecture and Interior Design	2 nd International conference on Future smart cities (FSC) organized by Xiamen University, Malaysia, 5 th to 7 th November 2019, <u>Presented paper Titled</u> Sustainable Urban design strategies towards sustainable urban future “A case of growing multiple city centers from a single traditional center within mud fort of ancient Bangalore”	Air tickets to & fro by UoN
9	Ms. Nasreen Kauser	Architecture and Interior Design	2 nd International conference SURF-2020 The carbon neutral conference from August 6 to 8 th 2020 and Knowledge sessions from Aug 10 th to 12 th 2020. Presented a Poster titled: The 3 C’s Climate-Context-Culture.. Transition of Oasis settlements of Oman from traditional to contemporary era.	Nil
10	Mrs.Sofia	Architecture and Interior Design	International Conference on Civil, Architectural and Environmental Sciences - (ICAES-20) by Institute for Scientific Engineering and Research (ISER) 2 nd August 2020, Mumbai, India	Nil
11	Mrs.Sofia	Architecture and Interior Design	International Conference on Engineering & Technology-(ICET-20) by Society for Education (SFE) 9 th August 2020, Chennai, India	Nil

12	Mr.Ravie	Architecture and Interior Design	International Conference on Civil, Architectural and Environmental Sciences - (ICAES-20) by Institute for Scientific Engineering and Research (ISER) 2 nd August 2020, Mumbai, India	Nil
13	Mr.Ravie	Architecture and Interior Design	International Conference on Engineering & Technology-(ICET-20) by Society for Education (SFE) 9 th August 2020, Chennai, India	Nil
14	Wael A. Khudhayer	Architecture and Interior Design	The Green Workplace Summit, 11 December 2019, at the Crowne Plaza Hotel, Muscat	Nil

Conference Attendance
National Conferences in Year: 2019 – 2020

College of Engineering and Architecture				
#	Faculty Name	Depart	Conference Details	Fund
1	Salam Al-Dawery	Chemical and Petrochemical Engineering	"Oman energy transition: Turning climate change challenges into opportunities 2019-11-25 to 2019-11-25, Gulf-intelligence, Muscat, Oman, http://www.thegulfintelligence.com/en/gallery/the-gulf-intelligence-oman-energy-forum-25112019 , Sponsor:	Ministry of Oil and gas
2	Mamdouh I. Zaky	Architecture and Interior Design	Design Muscat 2019 18 April 2019 organized by: Scientific College of Design, Muscat , Oman	Nil

Seminars delivered in Year: 2019 – 2020

College of Engineering and Architecture

#	Title of the seminar	Presenter	Dept./section	Date
1	CFD: A platform for mimicking engineering challenges	Wameath Abdul-Majeed	Chemical and Petrochemical Engineering	3 rd Oct. 2019
2	Green ILs, the new prospects for the future	Yasir Elsheikh	Chemical and Petrochemical Engineering	20th Feb. 2020
3	Basic guidelines of scientific research and publishing	Salam Al-Dawery	Chemical and Petrochemical Engineering	5th Dec 2019
4	Numerical simulation study on uhpfrc under static load	Qadir Bux alias Imran Latif	Civil and Environmental Engineering	12th March 2020
5	Intelligent and Autonomous Cars	Dr. Munaf Salim	Electrical and Computer Engineering	19/12/2019
6	Generative Urban Design (seminar delivered at the university of Baghdad)	Samir Al Qeisi	Architecture and Interior Design	18/02/2020
7	Architecture is Mirror of Art	Dr.Luai	Architecture and Interior Design	11/11/2019
8	The use of Building Information Modeling (BIM) software in construction: Navisworks	Mr. Moad Mohammed Abdalsalam Alost	Civil and Environmental Engineering	13-02-2020
9	Solar Water Heating Systems - An approach to reduce the Electricity consumption in tourism projects. scientific collage of design	Dr. Mamdouh I. Zaky	Architecture and Interior Design	18-4-2019

10	<p>Sustainable Urban design strategies towards sustainable urban future</p> <p>“A case of growing multiple city centers from a single traditional center within mud fort of ancient Bangalore”</p>	Ms. Nasreen Kauser	Architecture and Interior Design	06/02/2020
11	Traditional settlements at birkat-al-mouz oman - Heritage study and documentation	Mr. Ravishankar	Architecture and Interior Design	30 Jan 2020

Workshops delivered in Year: 2019 – 2020

College of Engineering and Architecture

#	Workshop Title	Speaker/Faculty Name	Organized by	Date From-To	Participations	Location
1	CFD club first cycle workshop	Dr Wameath AbdulMajeed	College of Engineering	30 Oct. 2019 - 26 Dec. 2019	Students and alumni - Chemical engineering	Computer Lab 5c-3
2	College ADRI Report Writing Workshop 3rd Workshop-Eng	Dr Hussein Al Abdulqader	College of Engineering	14-11-2019	Faculties and Staff	UoN Campus
3	Research Operational Plan and Publications 3 rd Workshop-Eng	Dr Salam Al-Dawery	College of Engineering	31-10-2019	Faculties of College of Engineering and Architecture	Al Mashariq Hall
4	Research Ethics and Publications 3 rd Workshop-Eng	Dr. Sri Hari Kumar Annamareddy	College of Engineering	05/11/2019	Faculties of College of Engineering and Architecture	15G
5	Advising Police 3 rd Workshop-Eng	Dr. Hazim Fadhil Abbas	College of Engineering	05/11/2019	Faculties of College of Engineering and Architecture	15G
6	Internship guidelines Graduation Project and Architecture 3 rd Workshop-Eng	Dr. Nasrellah Hassan Ahmed	College of Engineering	07.11.2019	Faculties of College of Engineering and Architecture	UoN, Al Mashariq Hall
7	Moodle	Mr. Atef	Electrical and Computer	14/4/2020	ALL Electrical and Computer Engineering faculties and Lab instructors	Google meeting

			Engineering (online)			
8	Introduction of New Academic and Administration staff 3rd Annual college workshop	Dr Hussein Al Abdulqader	College of Engineering	31-10-2019	Faculties and Staff	UoN campus
9	Conflict of Interest 3rd Annual college workshop	Mohamed yousuf.S	College of Engineering	5.11.19	Faculties and Staff	UoN campus
10	College website and faculty webpage	Samir Al Qeisi	College of Engineering	5-11-2019	Faculties and Staff	UoN Campus
11	Academic Ethics and Academic Misconduct 3rd Workshop-Eng	Dr. Moh. Faisal	College of Engineering	7-11-2019	Faculties and Staff	UoN Campus
12	College ADRI Report Writing Workshop 3rd Workshop-Eng	Dr Anwar Ahmed	College of Engineering	14—15-11-2019	Faculties and Staff	UoN Campus
13	Quality control-ABET 3 rd Workshop-Eng	Dr. Anwar Ahmed	College of Engineering	05/11/2019	Faculties of College of Engineering and Architecture	15G

Seminars Attended in Year: 2019 – 2020

#	Faculty Name (Presenter)	Title	Date	Dept.	Attendance Faculty name
1	Dr Mamdouh I. Zaky	A proposed methodology to merge the archaeological buildings in the tourism system in Sultanate of Oman	26-9- 2019	Architecture and Interior Design	Dr.Hussein Ali Ahmed Al Abdulqader Dr.Mohammed Faisal Al- Kazee Dr.Luai Ali AL-Jubori Dr.Said AL Maawali Dr.MUHAMMAD ASHRAF JAVID Dr.Qazi Nasir S.S Reddy Dr. Sri Hari Kumar Annamareddy Eng.Moad Alsta Dr.Abdullah AL Hasanat Dr. Nasrellah Hassan Dr.Salam KhadhimHasan Dr.Subhi Azeez Ali AL Ibrahim Mr.Samir AL Qeisi Mr.Ravishankar K.R Mrs.Nasreen Eng.Anju Parameswaran Eng.Aysha Haroon

					<p>Mrs.Sofia Sebastian</p> <p>Dr. Hazim Fadhil</p> <p>Dr.Salam A.Mohammed</p> <p>Mr.Wael A .Khudhayer</p> <p>Dr. Imran Lateef Qureshi</p> <p>Dr.Anwar Ahmed</p>
2	Dr. Wameath S. Abdul- Majeed	CFD: A platform for mimicking engineering challenges	3-10- 2019	Chemical and Petrochemical Engineering	<p>Dr.Abdullah AL Hasanat</p> <p>Dr.Mohammed Faisal Al- Kazee</p> <p>Mr.Atef A.Abusalim</p> <p>Dr.Said AL Maawali</p> <p>Dr.MUHAMMAD ASHRAF JAVID</p> <p>Dr.Qazi Nasir</p> <p>S.S Reddy</p> <p>Dr. Sri Hari Kumar Annamareddy</p> <p>Dr.Yasir</p> <p>Dr. Nasrellah Hassan</p> <p>Dr.Salam KhadhimHasan</p> <p>Mr.vilas sankar</p> <p>Mr.Samir AL Qeisi</p> <p>Mr.Ravishankar K.R</p> <p>Dr.Munaf Salim</p> <p>Eng.Anju Parameswaran</p> <p>Eng.Aysha Haroon</p>

					<p>Dr.Mamdouh Ibrahim Zaky</p> <p>Dr. Hazim Fadhil</p> <p>Mr.Khalid AL Hosni</p> <p>Dr. Imran Lateef Qureshi</p> <p>Dr.Anwar Ahmed</p> <p>Dr.Ali Abdulhafidh Ali</p>
3	Mr. Omar Khaled	workshop delivered by COMSOL	09/10/2019	<p>COMSOL Marketing Specialist</p> <p>Elnady Engineering & Agencies</p> <p>COMSOL Agent in Arab Countries, 2 Elgabal Elakhdar Buildings, Nasr City, 11471 Cairo, Egypt.</p>	<p>Dr.Hussein Ali Ahmed Al Abdulqader</p> <p>Mohammed Ashfaq Shaikh</p> <p>Dr. Wameath Abdul Majeed</p> <p>Eng.Moad Alsta</p> <p>S.S Reddy</p> <p>Dr.Subhi Azeez Ali AL Ibrahim</p> <p>Marlyn Bojamgin</p> <p>Dr.Mohammed Faisal Al-Kazee</p> <p>Mr.Wael A .Khudhayer</p> <p>Dr. Hazim Fadhil</p> <p>Dr.Salam A.Mohammed</p> <p>Dr. Nasrellah Hassan</p> <p>Dr.Said AL Maawali</p> <p>Dr.Salam KhadhimHasan</p>

					Dr.Mamdouh Ibrahim Zaky
4	Dr Munaf Salim	Intelligent and Autonomous Cars	19-12-2019	Electrical and Computer Engineering	<p>Dr.Mohammed Faisal Al-Kazee</p> <p>Dr.Abdullah AL Hasanat</p> <p>Dr. Nasrellah Hassan</p> <p>Dr. Hazim Fadhil</p> <p>Dr. Wameath Abdul Majeed</p> <p>Dr.Qazi Nasir</p> <p>Eng.Aysha Haroon</p> <p>Eng.Anju Parameswaran</p> <p>S.S Reddy</p> <p>Dr.Ali Abdulhafidh Ali</p> <p>Mr.Samir AL Qeisi</p> <p>Mr.Atef A.Abusalim</p> <p>Mohammed A. AlSaadi</p> <p>Eng.Moad Alsta</p> <p>Dr.Mamdouh Ibrahim Zaky</p> <p>Dr.Yasir</p> <p>Dr.Subhi Azeez Ali AL Ibrahim</p> <p>Dr.Said AL Maawali</p> <p>Dr.Salam KhadhimHasan</p>

					Dr. Sri Hari Kumar Annamareddy Dr.Munaf Salim
5	Mr. KR and Mrs. Sofia Sebastian	TRADITIONAL SETTLEMENTS AT BIRKAT-AL-MOUZ OMAN – Heritage Study and Documentation	30-1-2020	Architecture and Interior Design	Dr.Hussein Ali Ahmed Al Abdulqader Mr.Atef A.Abusalim Dr.Anwar Ahmed Dr.Mohammed Faisal Al-Kazee Dr.Qazi Nasir Dr.Ali Abdulhafidh Ali S.S Reddy Eng.Aysha Haroon Mohammed Yousuf. S Safa Nasser Ali Haseena Saleh Al-Shammakhi Akhlal Khalifa Al-Mayahi Mrs.Nasreen Dr.Munaf Salim Dr.Luai Ali AL-Jubori Dr.Abdullah AL Hasanat Dr.Subhi Azeez Ali AL Ibrahim Mr.Samir AL Qeisi Dr.Mamdouh Ibrahim Zaky

					Dr. Sri Hari Kumar Annamareddy Dr.Salam KhadhimHasan
6	Mrs. Nasreen Kauser Dummi Shabbir	Sustainable urban design strategies towards sustainable urban future	06-02-2020	Architecture and Interior Design	Wafaa Awadh Ruqaya Almaawali Dr.Subhi Azeez Ali AL Ibrahim Mr.Samir AL Qeisi Dr. Wameath Abdul Majeed Mohammed Ashfaq Dr. Qadir S.S Reddy Mohammed Yousuf. S Mr.vilas sankar Dr.Abdullah AL Hasanat Mr.Atef A.Abusalim Dr.Yasir Ali Mr.Ravishankar K.R Mr.Wael A .Khudhayer Dr.Mohammed Faisal Al-Kazee Dr.Anwar Ahmed Dr.Qazi Nasir Dr.Munaf Salim

					<p>Dr.Mamdouh Ibrahim Zaky</p> <p>Dr.Hussein Ali Ahmed Al Abdulqader</p> <p>Eng.Anju Parameswaran</p> <p>Dr.Ali Abdulhafidh Ali</p> <p>Dr.Salam KhadhimHasan</p> <p>Eng.Aysha Haroon (Excused)</p>
7	Mr. Moad Mohammed Abdalsalam Alost	The use of Building Information Modeling (BIM) software in construction: Navisworks	13-02-2020	Civil and Environmental Engineering	<p>Dr.Hussein Ali Ahmed Al Abdulqader</p> <p>Dr.Mohammed Faisal Al-Kazee</p> <p>Mr.Ravishankar K.R</p> <p>Dr.Munaf Salim</p> <p>Mr.Samir AL Qeisi</p> <p>Dr.Anwar Ahmed</p> <p>Dr.Qazi Nasir</p> <p>Dr. Sri Hari Kumar Annamareddy</p> <p>Mohammed Ashfaq</p> <p>Mohammed Yousuf. S</p> <p>Eng.Anju Parameswaran</p> <p>Eng.Aysha Haroon</p> <p>Mr.vilas sankar</p> <p>Dr.Ali Abdulhafidh Ali</p>

					<p>Dr.Yasir Ali</p> <p>Dr.Abdullah AL Hasanat</p> <p>Dr.Salam KhadhimHasan</p> <p>Eng.Moad Alsta</p> <p>Mr.Atef A.Abusalim</p>
8	Dr Yasir Ali Elsheikh Elfadol	Green Ionic Liquids, New aspects for the future	20/02/20 20	Chemical and Petrochemical Engineering	<p>Dr.Mohammed Faisal Al- Kazee</p> <p>Dr.Anwar Ahmed</p> <p>Dr.Qazi Nasir</p> <p>S.S Reddy</p> <p>Mohammed Yousuf. S</p> <p>Dr.Salam A.Mohammed</p> <p>Dr. Sri Hari Kumar Annamareddy</p> <p>Mr.Ravishankar K.R</p> <p>Dr. Wameath Abdul Majeed</p> <p>Mohammed Ashfaq</p> <p>Dr.Mamdouh Ibrahim Zaky</p> <p>Eng.Aysha Haroon</p> <p>Eng.Anju Parameswaran</p> <p>Dr.Luai Ali AL-Jubori</p> <p>Dr.Salam KhadhimHasan</p> <p>Dr.Hussein Ali Ahmed Al Abdulqader</p>

					<p>Dr.Abdullah AL Hasanat</p> <p>Dr.Munaf Salim</p> <p>Dr. Qadir</p> <p>Dr.Ali Abdulhafidh Ali</p> <p>Mrs.Nasreen</p> <p>Dr.Subhi Azeez Ali AL Ibrahim (Excused)</p>
9	Dr. Qadir Buxalias Imran	NUMERICAL SIMULATION STUDY ON UHPFRC UNDER STATIC LOAD	12-3-2020	Civil and Environmental Engineering	<p>Dr.Mohammed Faisal Al-Kazee</p> <p>Dr.Anwar Ahmed</p> <p>Dr.Qazi Nasir</p> <p>S.S Reddy</p> <p>Mohammed Yousuf. S</p> <p>Dr.Salam A.Mohammed</p> <p>Dr. Sri Hari Kumar Annamareddy</p> <p>Mr.Ravishankar K.R</p> <p>Dr. Wameath Abdul Majeed</p> <p>Mohammed Ashfaq</p> <p>Dr.Mamdouh Ibrahim Zaky</p> <p>Eng.Aysha Haroon</p> <p>Eng.Anju Parameswaran</p> <p>Dr.Luai Ali AL-Jubori</p> <p>Dr.Salam KhadhimHasan</p>

					Dr.Hussein Ali Ahmed Al Abdulqader Dr.Abdullah AL Hasanat Dr.Munaf Salim Dr. Qadir Dr.Ali Abdulhafidh Ali Mrs.Nasreen Dr.Subhi Azeez Ali AL Ibrahim

Workshop Attended in Year: 2019 – 2020

#	Title of the workshop	Workshop details Presenter, date, place, internal, external	Faculty name	Dept./section
1	Third Annual College of Engineering and Architecture Workshop	The workshop targets several vital activities such as teaching training and new faculty induction program that will increase the general awareness of concerned staff	Dr. Nasrellah Hassan Ahmed Prof.Subhi Dr.Reddy Dr.Ashraf Dr.Imran Dr.Said	Civil and Environmental Engineering

		<p>members in the University.</p> <p>October- November 2019</p>	<p>Dr.Anwar Mr.Vilas Ms.Aysha Haroon Mr.Moad</p>	
			<p>DR Hazim Dr Salam K Dr Salam M Dr Wameath Dr Sri Dr Yasir Dr Qazi Mr Mohammed Mrs Hanan</p>	<p>Chemical and Petrochemical Engineering</p>
			<p>Dr Hussein Dr Abdullah Dr Ramzi Dr Ali Dr Munaf Mr Mohammed Mr Atef</p>	<p>Electrical and Computer Engineering</p>
			<p>Dr Luai Dr Mamdouh Dr Mohammed Mr Ravi Mrs Sofia</p>	<p>Architecture and Interior Design</p>

			Mr Wail Mr Samir	
2				

***Note:** Please add rows as needed.

Awards in Year: 2019 – 2020

#	Award title/detail	Awarded by	Faculty involvement	Students Involvement
1	Certificate of Appreciation and Thanks “Chairman of College Academic Committee 10 years.”	University of Sana’a- Yemen	Prof. Subhi Aziz Ali	
2	Certificate of Appreciation and Thanks “Head of department of postgraduate studies for many years”.	University of Sana’a- Yemen	Prof. Subhi Aziz Ali	
3	Certificate of Appreciation and Thanks “editorial board of Iraqi journal of chemical and oil engineering .”	University of Baghdad College of engineering	Dr Salam Al-Dawery	

Collaboration in Year: 2019 – 2020

#	collaboration with	country	focal Faculty	Dept/unit
1				

UoN International Research Collaboration

No.	Research Chair/Center	No. of International Collaborators	No. of International HEIs of affiliation	Sample of Research Areas being Investigated

UoN Co-supervisors of International PhD Students

Supervisor Name	No of Students	Country	Area of the Study
Total			

URG (FURAP) approved and submitted in Year: 2019 – 2020

#	Title	Students Names	Faculty Mentor	Grant Amount (OMR)	Submitted/ Approved
1	The Intelligent Survival System	Ahoud, Shamsa	Dr. Abdullah	1900 OMR	Submitted
2	Simulation study on UHPFRC	Haitham al-Ghafri	Dr Qadir	1500	Submitted
3	Performance enhancement of solar still	Amjad Al-Zakwani	Dr Sri	1500	Submitted

Open Research Grant approved and submitted in Year: 2019 – 2020

#	Title	PI	Team members	Grant Amount (OMR)	Submitted/ approved
1	Propane oxidative dehydrogenation using catalytic membrane reactor	Dr. Sri Hari Kumar Annamareddy	Dr Qazi Nasir Dr Salam aldawery	5000	Approved
2	Development of a continuous flow solar disinfection system for treated wastewater	Dr.Reddy	Dr.Salam Kadhim Dr.Anwar	4000	Approved
3	Kinetics and mechanism of CO2 fixation	Anwar Ahmed	Dr Reddy	4000	approved
	Catalytic conversion of carbon dioxide to methanol	Sri Hari Kumar Annamareddy	Salam K Al-Dawery	18000	submitted
	Advanced ultrasonic system for synthesis of Nanostructure Active Pharmaceutical Ingredient for Hydrochlorothiazide	Salam Mohammed	Dr Hazim, Dr Anil Philip	12400	submitted
	Implementation of BIM Technology in Engineering Education	Dr. Mohammed Faisal	Dr. Naserllah Ahmed Mr. Wael Khudhayer	10000	submitted

Approved Bachelor Graduation Projects in Year: 2019 – 2020

Completed Graduation Projects (Presentations completed)

#	Name of supervisor	Title of project	Name of student	Month/Year of presentation	Section/ Department
1	Dr Wameath AbdulMajeed	Catalysis of Liquid Medium Reactions Through Non-thermal Plasma: Unique Approach for Production of Iron Dendritic Nanoparticles	Muna Musabah Alsubhi & Aida Khalfan Alabri	January 2020	Chemical and Petrochemical Engineering
2	Supervisor: Dr Wameath AbdulMajeed Co-advisors: Dr Hazim F. Abbas Dr Ali A. Titinchi	INTEGRATION OF ARDUINO MICRO PROCESSOR FOR CONTROLLING PROCESS pH OPERATING CONDITIONS	Rakan Raed Al-Najjar and Abdullah Mohammed Al-Musalami	Feb. 2020	Chemical and Petrochemical Engineering
3	Dr.Yasir Elsheikh	Study of different feedstocks for biodiesel production	Marwa Khalifa Alhajri, Salma Hamed Alhidaifi	Jan.2020	Chemical and Petrochemical Engineering
4	Dr.Yasir Elsheikh	New novel techniques for extraction of natural products	Khlood Algami, Rabaa AlHattali	Jan.2020	Chemical and Petrochemical Engineering
5	Dr Salam Al-Dawery	Parameters Affecting Sediment Microbial Fuel Cell (SMFC)	Basma Sultan Mohammed al-Maawali Anwar Saed Suliman Almahrooqi	Feb 202	Chemical and Petrochemical Engineering
6	Dr Salam Al-Dawery	Preparation of Activated Carbon from Sewage Sludge	Muna said al-sabari Safa ali al fazari	Feb 2020	Chemical and Petrochemical Engineering

7	Dr. Hazim Fadhil Abbas Dr. Salam Mohammed	Pyrolysis of Used Polyethylene Using Nano Catalyst	Shadha Abdullh Al Nadabi Amima Mhamood Al Kharusi	Jan 2020	Chemical and Petrochemical Engineering
8	Dr. Hazim Fadhil Abbas Dr. Salam Mohammed	Synthesis of doped nano- catalyst for plastic degradation	Ahmed Rashid Al- Naabi. Salim Ali Al- Yahyae. Abdullah Saleh Al- Kharousi.	Sep 2019	Chemical and Petrochemical Engineering
9	Dr. Sri Hari Kumar Annamareddy	Treatment of garage wastewater using chitosan and activated carbon	Hawriya Saud AL- Ghatrifi Zainab Mohammed AL-zuhabi	Aug, 2019	Chemical and Petrochemical Engineering
10	Dr. Muhammad Ashraf Javid	Mode Choice Characteristics of University Students: A Case of University of Nizwa	Ghadeer Hameed	Jan 2020	Civil and Environmental Engineering
11	Dr Qadir Bux alias Imran Latif	NUMERICAL SIMULATION STUDY ON THE RESPONSE OF UHPFRC AND NC BEAMS WITH DIFFERENT STEEL BAR CONFIGURATI ONS	ANAS AMMAR (65167903) ALI SAIF (18986712)	Jan 2020	Civil and Environmental Engineering

12	Dr Qadir Bux alias Imran Latif	CONCEPTS, MOTIVATOR AND BARRIER FACTORS OF SUSTAINABILI TY AND GREEN BUILDING IN OMAN CONSTRUCTI ON INDUSTRY	MAISA ISMAIL (09447022) IQBAL MAQBOOL AL- RAWAHI	Jan 2020	Civil and Environmental Engineering
13	Prof.Subhi Aziz Ali	Study of reusing vegetable plastic bags as reinforcement for soil improvement	Imran Ayub Khokar Khali Al Saidi	October 2019	Civil and Environmental Engineering
14	Prof.Subhi Aziz Ali	Study of improving the strength and compaction characteristics of nizwa soil using date seeds	Al-Hussaien Al Hokani	January 2020	Civil and Environmental Engineering
15	Dr. Abdullah Alhasanat	Dangerous Animal Detection in Rural Area	Fayzah, Afrah	June, 2020	Electrical and Computer Engineering
16	Mohamed Yousf.S	IMPLEMENTA TION OF SMART ENERGY METER USING ARDUINO – GSM TECHNOLOGY	Ruqiya Al- Hiji, Naila Al-Harrasi, Zahra Al- Mufargi	Sep 2019	Electrical and Computer Engineering

17	Dr. Ali A. Titinchi	Multi-Sensor Fire Detection with GSM Alarm System	Huda Said Bati Al Busaidi , Huria Issa Nasser Al Sulaimani, Jawaher Mohammed Nasser Al Siyabi	Jan 2020	Electrical and Computer Engineering
18	Dr.Luai	Museum of Fine Arts	SUMAIYA HAMOOD	2019-2020	Architecture and Interior Design
19	Dr.Luai	International Gaming Center	YASEEN MMD ALAZZAWI	2019-2020	Architecture and Interior Design
20	Dr.Luai	Mosul International Airpot	ABDUL RAHMAN SAMIR AL QEISI	2019-2020	Architecture and Interior Design
21	Dr.Luai	Mall of Nazwia	IMAN AL AZRI	2019-2020	Architecture and Interior Design
22	Dr.Luai	Coral Muscat Hotel – Interior Spaces	MAATHER AL HABSI	2019-2020	Architecture and Interior Design
23	Dr. Mohamed Faisal	International College of Engineering & Management	KAUTHAR HAMOOD AL SHUKAIRI	2019-2020	Architecture and Interior Design
24	Dr. Mohamed Faisal	Cruise Terminal in Khasab	MARYAM SATII AL SHARIDA	2019-2020	Architecture and Interior Design
25	Dr. Mohamed Faisal	Public Library in Bahla	ZAKIYA SALIM ALRIYAMI	2019-2020	Architecture and Interior Design
26	Dr. Mohamed Faisal Al-Kazee	Office of Wali Izki	OMYMA KHALFAN AL SULAIMI	2019-2020	Architecture and Interior Design
27	Dr. Mamdouh I. Zaky	Olympic Equestrian Center and Museum	SAJA SAID MOHAMMED AL MAAMARI	June 2019	Architecture and Interior Design

28	Samir Al Qeisi	“Bridging The Gap!” A touristic fantasy Hotel above the wadi of Tanouf	NAWF KHAMIS ABDULLA H AL NAABI	June / 2019	Architecture and Interior Design
29	Samir Al Qeisi	Dialog of cultures: Omani embassy in Cairo	Roba Al Sobhi	September / 2019	Architecture and Interior Design
30	Samir Al Qeisi	Small hands big talents: center for child talents development	Hajer Al Salmi	June-September / 2020	Architecture and Interior Design
31	Wael A. Khudhayer	Zara Fashion Center	RUQAIYA ALI MANSOOR AL DARMAKI	Spring 2020	Architecture and Interior Design
32	Wael A. Khudhayer	Day Care Center	SANA SAID SULAIMAN AL AWAIMAR Y	Spring 2020	Architecture and Interior Design
33	Wael A. Khudhayer	Fashion Showroom	SHIMA MOHAMM ED ISSA AL AZRI	Spring 2020	Architecture and Interior Design
34	Mr.Ravie	Mosul National Library	Hudaifah Luai	Spring 2020	Architecture and Interior Design
35	Mrs.Sofia	Nizwa Mall	Afrah Al Rudaini	Fall 2020	Architecture and Interior Design
36	Anwar Ahmed	Studies of emerging organic contaminants occurrence for water treatment plants tank and supply networks	Salwa Alla	November 2019	Civil and Environmental Engineering

Faculty – Students joint publications in Year: 2019 – 2020

Use data from above tables

#	Faculty and Students Name	Journal details (Title, volume, issue, page.no, year, publisher, country)	Conference Details (title, date, organizer, city, country)	Department
1	Salam Al-Dawery, Anwar Ahmed, Sajjala S. Reddy, Omaima Al-Hadhrami, Kareema Al-Lamki,	Cost-effective treatment of sludge conditioning using supernatant fluid polyelectrolyt Environ Sci Pollut Res 27, 10790–10801	---	Chemical and Petrochemical Engineering
2	Wameath S. Abdul-Majeed, Mohammed A. Al Saadi, Muna M. Alsubhi, Aida K. Alabri, Khamis O. Al-Riyami, Sausan Al Yaqoobi.	Application of flying jet plasma torch for synthesis of iron based nano structures Letters in Applied NanoBioScience, 2020, 9 (3), 1188-1198.	-	Chemical and Petrochemical Engineering
3	Salam A. Mohammed, Hazim F Abbas, Hajer Alshihi, Fazal Mabood, Emad Yousif, Ali Abd Ali, Zainab Hussain, Khamis Al Riami	Assessment of Nanocalcite Synthesis Routs on Green Biodiesel Production: Comparative Study Bioiterface Research in Applied Chemistry Vol:10, Iss:5, pp:6139-6147, 2020-05-01	---	Chemical and Petrochemical Engineering
4	Qadir Bux alias Imran Latif, Aysha Mehfoodh Dhiyab Al Saadi, Ismail Abdul Rahman	Identification of Delay Factor in Oman Construction Industry. International journal of 5sustainable construction engineering and technology (ijscet)		Civil and Environmental Engineering

		vol. 10 no. 1 (2019) 34-45		
5	Qadir Bux Alias Imran Latif , Thuraya Bal Arab Al Batashi, Kamran Latif Qureshi	Oman Construction Industry Prospective on Cause of Construction Material Waste International journal of integrated engineering (ijie) vol. 12 no. 1 (2020) 243- 252		Civil and Environmental Engineering
6	Anas Ammar Al-Kabasi ^{a,1} , Ali Saif Al-Wardi ^b , Qadir Bux alias Imran Latif ^{c,2} , Nasrellah Hassan Ahmed ^d	Numerical simulation study on load deflection and strain curve of uhpfrc beams under static load International Journal of Advance Science and Technology Vol. 29 No. 10S, (2020), pp. 1360- 1371		Civil and Environmental Engineering Department
7	Sreedhar Reddy Sajjala Salam Kadhim Al Dawery Anwar Ahmed Munira Ali Nasser Al Jabri 1	Disinfection of total coliform bacteria in Falaj water by solar water disinfection (SODIS) Caspian journal of environmental Sciences, Topic:Engineering and Technology, Vol:17, Iss:4, pp:285-293, 2019-		Civil and Environmental Engineering

		12-01, y University of Guilan, I.R. Iran, Iran		
8	Mohamed Yousuf.S, Ruqiya Al-Hiji, Naila Al-Harrasi, Zahra Al-Mufargi	IMPLEMENTATION OF SMART ENERGY METER USING ARDUINO – GSM TECHNOLOGY , Journal of Information and Computational Science(JOICS) / ISSN: 1548-7741 / Volume 9 Issue 11 – 2019/ PNO: 127-137	-	Electrical and Computer Engineering
9	Ibtisam Sulaiman Al Busaidi , Bashair Nasser Said Al Badri , Sreedhar Reddy, Rama Mohan Rao		Treatment of Falaj water using sand filter integrated with Phyto disinfectant” Virtual International Conference on Natural disasters and their Early Warning Systems (NEWS) 2020 8-9, July 2020	Civil and Environmental Engineering
10	Study on Grey water treatment using cement kiln dust and chemical coagulants. Anwar Ahmad , Sultan Ghadeer, Talal A-Hosini,.	Journal of Applied Water Engineering and Research. DOI 10.1080/23249676.2020.1761900	ISI) I. Factor-0.98 H-Index Taylors Francis	University of Nizwa

Reviewing of papers for Journals and Conferences in Year: 2019 – 2020

College of Engineering and Architecture					
#	Faculty Name	Journal / Conference name	Country	Date	Department
1	Dr. Abdullah Alhasanat	IEEE transaction in Mobile Computing	USA	2019/2020	Electrical and Computer Engineering
2	Dr. Abdullah Alhasanat	IEEE Transaction in Vehicular Technology	USA	2019/2020	Electrical and Computer Engineering
3	Dr. Abdullah Alhasanat	Wireless Network Journal	Netherlands	2019/2020	Electrical and Computer Engineering
4	Prof Dr Hussein Al Abdulqader	2nd 2019 International Conference on Electronics Representation and Algorithm 2nd ICERA 2019	Indonesia	2-12-2019	Electrical and Computer Engineering
5	Prof Dr Hussein Al Abdulqader	The 1st International Symposium on Engineering and Technology 2019 ISETech 2019	Malaysia	October 2019	Electrical and Computer Engineering

6	Prof Dr Hussein Al Abdulqader	International Conference on Material Science and Engineering International Committee Member	Australia	16-18/09/2019	Electrical and Computer Engineering
7	Dr Wameath Abdul-Majeed	Plasma Chemistry and Plasma Processing (Springer)	USA	30 May 2020	Chemical and Petrochemical Engineering
8	Dr Wameath Abdul-Majeed	Iraqi Journal of Chemical and Petroleum Engineering	Iraq	13 May 2020	Chemical and Petrochemical Engineering
9	Dr Wameath Abdul-Majeed	Biomass Conversion and Biorefinery (Springer)	Germany	2 August 2019	Chemical and Petrochemical Engineering
7	Dr. Anwar Ahmed	Bioresource Technology	USA	November 2019	Civil and Environmental Engineering
8	Dr. Anwar Ahmed	Water Research	USA	December 2019	Civil and Environmental Engineering
9	Dr. Anwar Ahmed	Environmental Progress	UK	December 2019	Civil and Environmental Engineering
10	Dr. Anwar Ahmed	ESPR	UK	February 2020	Civil and Environmental Engineering
11	Dr. Anwar Ahmed	Environmental Pollution	USA	February 2020	Civil and Environmental Engineering

12	Dr. Anwar Ahmed	Ecological Engineering	UK	April 2020	Civil and Environmental Engineering
13	Dr. Anwar Ahmed	IJEST Springer	USA	May 2020	Civil and Environmental Engineering
14	Dr Salam Al-Dawery	Journal of Water Process Engineering	USA	Dec 2019	Chemical and Petrochemical Engineering
15	Dr Salam Al-Dawery	International Conference on Renewable and Sustainable Energy	UAE	Dec 2019	Chemical and Petrochemical Engineering
16	Dr Salam Al-Dawery	Journal of Engineering Science and Technology	Malaysia	October 2019	Chemical and Petrochemical Engineering
17	Dr Salam Al-Dawery	Cogent Food and Agriculture	South of Africa	October 2019	Chemical and Petrochemical Engineering
19	Dr Salam Al-Dawery	Journal of Water Process Engineering	USA	April 2020	Chemical and Petrochemical Engineering
20	Dr Salam Al-Dawery	Journal of Engineering Science and Technology	Malaysia	May 2020	Chemical and Petrochemical Engineering