

## Funded projects by Deanship of Scientific Research ,2016 ( College Of Engineering )

#	Application Number	Title	pi-First name	pi- Last name	Co-I	Consultant	Research assistant	External persons	Duration in months	E-mail	Department
1	2016-174-Eng	Horizontally connected high-rise buildings under dynamic wind and earthquake loads	SAYED	ABDEIN	Elshami, Mostafa				12	smabdei n@uod. edu.sa	Department of Construction Engineering
2	2016-200-Eng	Post annealing effects on the physical properties of Al doped ZnSe thin films	TARIQ	KAYED	Elsayed, Khaled			Izzuldeen Alojaimi Khalid (Technician) / Ali Nasser Alsultan (Technician) / Atef Fayez Hassan Qasrawi (Consultant) / Meshal Faleh Alkhalidi (secretary)	24	tkayed @uod.e du.sa	Department of Basic Science and humanity

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3	2016-212-Eng	Characterization and quantification of tissue heterogeneity in multi-modal/spectral oncological and cardiac images for diagnosis and treatment assessment.	Mahbubun nabi	Tamal	Bani Hani, Abdelrahman / Hameed Khawaja, Kamran / AlShammari, Maha / Alqarni, Maram / Barnawi, Haneefa				24	mtamal @uod.e du.sa	Department of Biomedical Engineering
4	2016-221-Eng	Performance of plain and pozzolanic cement concrete subjected to treated and wash water curing	MUHAMMAD	Seraj	SALEEM SHARIF HUSSAIN, MUHAMMAD / Aziz, Muhammad Arif		MUHAMMAD ZUBAIR, MUKAR RAM / ATEEQ, IJLAL		12	mmuh ammad @uod.e du.sa	Department of Construction Engineering

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5	2016-236-Eng	Behaviour of Multi-Cell Columns to Vertical and Lateral Impact Loads	Mostafa	Elshami	SALEEM SHARIF HUSSAIN, MUHAMMAD /ABDEIN, SAYED				12	melshami@uod.edu.sa	Department of Construction Engineering
6	2016-237-Eng	Corrosion inhibition in oil and gas industries using new fine-tunable pH-responsive polymers	Shamsuddeen	Haladu	MUAZU, NUHU / Manda, Abdullah			Moath Alghamdi Research Assistant / SAVIOUR UMOREN Consultant	24	sahaladu@uod.edu.sa	Department of Basic Science and humanity
7	2016-241-Eng	Modeling and Experimental Testing of Membrane Distillation Process for Water Desalination	Fahad	Alamri	AL ZOUBI, HABIS		Khan, Gulraiz	Tapas Mallick(Consultant)/ Atia Khalifa (Consultant) / Ahmad Alzoubi (Co-Invistigator) / Nawaf Alrashood (Research Assistant (student)) / Meshari Algarni (Research Assistant (student)) / Omar Alowaisy (Research Assistant (student)) / Mohammed Adham (Research Assistant (Technician))	20	fgalamri@uod.edu.sa	Department of Basic Engineering

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8	2016-244-Eng	Study to Understand the Effects of Varying Embedment Length on Non-Destructive Load Carrying Capacity of Concrete Anchors	MUHAMMAD	HUSSAIN			Muhammad Siraj Jojara, Muhammad Nasir / Ali, Sadaqat	Muhammad Muhammad , Student UoD / Muhammad Muhammad , Student UoD	12	mssharif@uod.edu.sa	Department of Basic Engineering
9	2016-254-Eng	Subwavelength Terahertz Imaging of Basal Cell Carcinoma Skin Cancer	Ibraheem	Al-Naib	Ali, Syed			Marta Gambazza , Research Assistant(The system can't find her name)	24	iaalnaib@uod.edu.sa	Department of Biomedical Engineering

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10	2016-307-Eng	Economic Evaluation of Design Alternatives for Commercial Building Composite Space Frame Roof Systems by Life Cycle Cost Analysis (LCCA)	Ahmed	Salman	Elshami, Mostafa				12	asalman@uod.edu.sa	Department of Construction Engineering
11	2016-356-Eng	Design and synthesis of new class of ionic polymers and their applications as scale inhibitors in water desalination plants	Nabeel	Ameen Jarrah	Haladu, Shamsuddeen / Awad, Loay		MOHAMMED, IEHAB		24	najarrah@uod.edu.sa	Department of Environmental Engineering
12	2016-362-Eng	Fabrication and online monitoring of metal nanoparticles via double pulse femtosecond laser induced breakdown spectroscopy	Khaled	Elsayed	Kayed, Tarek			Asmaa Mohamed (Co Investigator) / Ali Alsultan (Research assistant) / Ahmed Alahmed( Secretary) / Izzuldeen Khalid (Research assistant)	24	kaelsayed@uod.edu.sa	Department of Basic Science and humanity

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13	2016-437-Eng	Improvement of Saudi Arabian Sand with Environmental Friendly Additives	ZAHEER	SYED ZAKIR HUSSAIN			Aziz, Muhammad Arif	Hussam Almodifah , Research Assistant / Muhammad Alghariafi , Research Assistant	12	zakazmi@uod.edu.sa	Department of Construction Engineering
14	2016-464-Eng	Fractional Radio frequency system for analysis of skin Aging	SYED	ALI	Al-Naib, Ibraheem		ATEEQ, IJLAL		24	symali@uod.edu.sa	Department of Biomedical Engineering
15	2016-515-Eng	New Method to Remove the Toxic Heavy Metals from Water	Loay	Awad	Haladu, Shamsuddeen / Manda, Abdullah			Moath Alghamdi , Research Assistant / Ahmad Alahmad	24	lkawad@uod.edu.sa	Department of Basic Science and humanity

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16	2016-557-Eng	Air Quality and Polycyclic Aromatic Hydrocarbons over Dammam Atmosphere: Quantification, Source Apportionment, Transport Modeling, and Health Risk Assessment	Ismail	Anil	AGA, Omer		MUHA MMAD ZUBAIR, MUKAR RAM		24	ianil@uod.edu.sa	Department of Environmental Engineering