

المجموعات البحثية الخاصة بقسم الفيزياء

السنة	أعضاء المجموعة البحثية	موضوع البحث	عنوان المجموعة	
2018	Dr. Mohamad Mahmoud (PI) Dr. Adil Alshoaibi Dr. Abdullah Aljaafari Dr. Hicham Kotb	Advanced Functional Materials for Energy and Charge Storage Applications	Advanced Ceramics	RG1
2018	Dr. Osama Saber (PI) Dr. Nagih Shaalan Dr. Adil Alshoaibi Dr. Abdullah Aljaafari Dr. Mir Waqas Alam	Development of zeolite structures through nanohybrids and dyes to be used as multifunctional materials in the field of renewable energy	Nanocomposites	RG2
2018	Dr. Abdullah Alnaim (PI) Dr. Javed Mazher Dr. Ashraf Farha Dr. Mohamed Helmi Dr. S. Sobhi	Functional doping of Metal-oxides and their polymer-composites		RG3
2019	Dr. Saed Salman (PI) Dr. Jamal Suleiman	How far the vibrational exciton interactions are responsible for the generation of the infrared spectra of oxindole crystals: Experimental and theoretical study		RG4
2019	Dr. Basma Souayeh (PI) Dr. Mir waqas Alam Dr. Huda Alfannakh	Numerical simulations of 2D and 3D cavities with different inner shapes and bifurcation techniques of fluid flow under different wake parameters	Computational Fluid Dynamics Group (CFD)	RG5
2019	Dr. Hicham Kotb (PI) Dr. Mohamad Mahmoud Dr. Adil Alshoaibi Dr. Abdullah Aljaafari Sara Aldabal	Materials for Electronics and sensing Applications (MESA)	Energy & sensing	RG6
2019	Dr. Essam Yasin (PI) Dr. Basma Souayeh	3D cavities with different inner shapes and bifurcation techniques of fluid flow under different wake parameters	Modeling & Simulation	RG7