



Scientific research Plan-Architectural engineering department-٢٠٢٢

Code no.	Research field	Research topics	Executive director	Timeline	Funds & financial resources	Success indicators	Notes
	<b><u>Architectural education</u></b>	1-Development of educational environment aspects and its role in enhancing architectural education. 2- The effect of contemporary technologies on renewing architectural education techniques. 3-The role of programming and contemporary design systems in enhancing architectural education and in meeting the requirements of labour market. 4- Development of educational curriculum, training methods and systems.	Prof.Salah Elsayed Prof.Osama farag Prof.Mona Elwazir Dr. Mamdouh Abd- Elsatar	As agreed, distribution of the research work will be covered through one year, as followed: -3 months for gathering research materials. -4 months for completing the theoretical part. - 5 months for implementing the practical proposal. The above three periods could be adjusted according to the research requirements.	Research funds + self-financing	- Academic publishing -PhD proposals -MSc proposals	
	<b><u>Contemporary building technologies</u></b>	1-New techniques and approaches in labour market. 2-Improving design and evaluation techniques according to the new architectural technologies and its futuristic approaches. 3-The effect of technologies of architectural design phases on developing the systems of mega projects.	Prof.Salah Elsayed Prof.Mohamed Esmat Prof.Salah Kaood Prof.Ahmed Eltantawy	As agreed, distribution of the research work will be covered through one year, as followed: -3 months for gathering research materials. -4 months for completing the theoretical part. - 5 months for implementing the practical proposal. The above three periods could be adjusted according to the research requirements.	Research funds + self-financing	- Academic publishing -PhD proposals -MSc proposals	
	<b><u>Environmental studies and sustainability in architecture and urbanism</u></b>	1-Environmental effects on architecture and urbanism in contemporary and futuristic orientations. 2- Sustainable concepts in architecture and urbanism and its effect on contemporary architecture. 3-Environmental evaluation systems and its role in modifying sustainable design techniques.	Prof.Osama Farag Prof.Lamis Elgizawi Prof.Alaa Eleashy Prof.Ahmed Eltantawy Prof.Mona Elwazir Prof.Nanees Elsayad Dr.Marwa Atef Dr.Mamdouh Abd-Elsatar Dr.Esraa Elazab	As agreed, distribution of the research work will be covered through one year, as followed: -3 months for gathering research materials. -4 months for completing the theoretical part. - 5 months for implementing the practical proposal. The above three periods could be adjusted according to the research requirements.	Research funds + self-financing	- Academic publishing -PhD proposals -MSc proposals	
	<b><u>Urban design and Environmental conservation</u></b>	1-Urban studies in high value urban and heritage sites. 2- Improving the methods of dealing with urban and architectural heritage. 3-Effect of environmental urban communities on the national urban plans. 4-Studying and evaluation of the experiments of urban upgrading and design.	Prof.Mohamed Esmat Prof.Lamis Elgizawi Prof.Alaa Eleashy Prof.Nanees Elsayad Dr.Marwa Atef Dr.Esraa Elazab	As agreed, distribution of the research work will be covered through one year, as followed: -3 months for gathering research materials. -4 months for completing the theoretical part. - 5 months for implementing the practical proposal. The above three periods could be adjusted according to the research requirements.	Research funds + self-financing	- Academic publishing -PhD proposals -MSc proposals	