Applicant Application Review

Full Name: Mohammed Gamil Mohammed Abdelghany

Personal Informations

Name:	Mohammed Gamil Mohammed Abdelghany
Gender :	1
Nationality :	Egyptian
Date of Birth :	1983-03-05
Country :	Egypt
City :	Cairo
Address :	Flat number 18, Building Number 154, El-Seventeenth Housing, El Shorouk City, Cairo, Egypt.
ID Type :	28303051700994
Marital status :	Exempted
Mobile Number :	01004635264
Home Number :	01004635264
Email :	mohammed.gamil@feng.bu.edu.eg

Education Information

Academic Degree :	Ph.D
Academic Study :	Egypt-Japan University of Science and Technology (E-JUST)
Academic Grade :	CGPA 3.41
Data Gained :	2014-08-17
From :	2011-09-01
To :	2014-09-01
Academic Degree :	Master
Academic Study :	Shoubra Faculty of Engineering, Benha University
Academic Grade :	Excellent
Data Gained :	2010-07-26
From :	2007-07-01
To :	2010-07-26
Academic Degree :	Bachelor
Academic Study :	Shoubra Faculty of Engineering, Benha University
Academic Grade :	Very Good
Data Gained :	2005-07-31
From :	2000-09-01

To :	2005-07-31

📞 careers[0] Information

Emp Name :	Mechanical Engineering Department, College of Engineering, Northern Border University, Arar, KSA.
Emp Address :	Arar, Saudi Arabia
Emp Title :	Assistant Professor
Emp Description :	Teaching and research in mechanical engineering in addition to the administrative work.
From :	2017-12-07
To :	2020-07-30
Emp Name:	Shoubra Faculty of Engineering, Benha University, Cairo, Egypt.
Emp Address :	108 Shoubra Street, cairo, Egypt
Emp Title :	Assistant Professor
Emp Description :	Teaching and research in mechanical engineering in addition to the administrative work.
From :	2014-10-27
To :	2017-12-06
Emp Name :	Shoubra Faculty of Engineering, Benha University, Cairo, Egypt.
Emp Address :	108 Shoubra Street, cairo, Egypt
Emp Title :	Lecturer
Emp Description :	Teaching and research in mechanical engineering in addition to the administrative work.
From :	2010-10-24
To :	2014-10-26

🏛 Qualifications & Traninng

Diploma :	0
Study :	0
Grade :	0
Course :	0
Conent :	
Organizing Body :	0
Data Gained :	0001-01-01
Data Attend :	0001-01-01
Diploma :	
Study :	
Grade :	
Course :	

Conent :

Organizing Body :

Data Gained :

Data Attend :

🏛otherqualification[0]

Research Fellowships :	---
Scientific Committees :	---
list of Publications :	1. Mohammed Gamil and Mohamed M.Z. Ahmed "Investigating the Thermo-mechanical properties of Aluminum/Graphene nano-platelets composites developed by Friction Stir Processing" International Journal of Precision Engineering and Manufacturing, 2020. doi:10.1007/s12541-020-00355-3. 2. Mohammed Gamil and Taher El-Bitar,"Design and Manufacturing of a Non-Standard Chain Parts for a Scraper Chain Conveyor: A Case Study" key Engineering Materials, Vol. 786, pp 335-341, 2018. 3. Mohammed Gamil, Ahmed M. R. Fath El-Bab, Ahmed Abd El-Moneim, and Koichi Nakamura, "Ultrahigh-sensitivity Graphene-based Strain Gauge Sensor: Fabrication on Si/SiO2 and First-principles Simulation" Sensors and Materials, Vol. 30 No. 9(2), pp. 2085-2100, 2018. 4. Sahour Sayed, Mohammed Gamil, Ahmed Fath El-Bab, Koichi Nakamura, Toshiyuki Tsuchiya, Osamu Tabata and Ahmed Abd El-Moneim , "Graphene Film Development on Flexible Substrate Using a New Technique: Temperature Dependency of Gauge Factor for Graphene-based Strain Sensors", Sensor Review, Vol. 36, pp. 140-147, 2016. 5. S. Sayed, M. Gamil, F. El-Bab, M. Ahmed, A. El-Moneim, and A. A. El Moneim, "LASER Reduced Graphene on Flexible Substrate for Strain Sensing Applications: Temperature Effect on Gauge Factor," Key Engineering Materials, Vol. 644, pp. 115-119, 2015. 6. M. Gamil, O. Tabata, K. Nakamura, A. M. El-Bab, and A. A. El-Moneim, "Investigation of a new high sensitive micro-electromechanical strain gauge sensor based on graphene piezoresistivity," Key Engineering Materials, Vol. 605, pp. 207-210, 2014. 7. M. Gamil, K. Nakamura, F. El-Bab, M. Ahmed, O. Tabata, and A. Abd El-Moneim, "First-principles simulation on orientation dependence of piezoresistivity in graphene nanoribbon," International Conference on Engineering and Technology (ICET), IEEE Xplore Digital Library, pp. 1-6, 2014. 8. M. Gamil, H. Nageh, I. Bkrey, S. Sayed, A. M. F. El-Bab, K. Nakamura, O. Tabata, and A. A. El-Moneim, "Graphene-Based Strain Gauge on a Flexible Substrate," Sensors and Materials, vol. 26, pp. 699-709, 2014. 9. M. Gamil, K. Nakamura, A. M. F. El-Bab, O. Tabata, and A. A. El-Moneim, "Simulation of Graphene Piezoresistivity Based on Density Functional Calculations," Modeling and Numerical Simulation of Material Science, vol. 2013, 2013. 10. M. Gamil, K. Nakamura, A. M. F. El-Bab, O. Tabata, M. Serry, and A. A. El-Moneim, "Evaluation of strain gauge factors of graphene ribbon models based on first-principles electronic-state calculations," in Innovative Engineering Systems (ICIES),First International Conference on Innovative Engineering Systems (ICIES), IEEE Xplore Digital Library, pp. 52-57, 2012. 11. T. El-Bitar, M. Gamil, I. Mousa, and F. Helmy, "Development of carbon—Low alloy steel grades for low temperature applications," Materials Science and Engineering: A, vol. 528, pp. 6039-6044, 2011. 12. Mohammed Gamil, N.M. Shaalan and Ahmed Abd El-Moneim "Graphene Nanoplatelets Resistance-Based Temperature Sensor" submitted to Microsystem Technologies, Under review, 2020.
Conferences Attended :	1. First International Conference on Innovative Engineering Systems (ICIES), Organized by E-JUST, Alexandria, Egypt, Dec 7-9, 2012. 2. Third International Conference on Materials and Applications for Sensors and Transducers, Prague, Czech Republic, Sept 13-17, 2013. 3. Second International Conference on Engineering and Technology (ICET 2014), Organized by GUC, Cairo, Egypt, Apr 19-20, 2014. 4. International Conference on Materials Science and Engineering, Organized by E-JUST, Borg Al Arab, Egypt, Mar 11-13, 2018.
Patents :	----
Research Grants (Awarded As PI) :	1. Mohammed Gamil, Mohamed Zaky "Enhancing the Thermal Conductivity of Aluminum Alloy 5052-H32 by adding Graphene nano-platelets Using Friction Stir Processing" Northern Border University, KSA (ENG-2018-3-9-F-7814). (Finished)
Contributed As Co-Pi :	1. Mohammd Tashkandi, Mohammed Gamil "Study the Effect of Graphene Addition to Aluminum Alloy 6061 by Continuous Drive Friction Welding" Northern Border University, KSA (ENG-2018-3-9-F-7785). (In progress)

Supervision of Postgraduate Students :	------

🏛References Employer

Name :	Mohammed Gamil Mohammed Abdelghany
Position :	Assistant Professor
Address :	Flat number 18, Building Number 154, El-Seventeenth Housing, El Shorouk City, Cairo, Egypt.
telno :	01004635264
faxno :	NA
mail :	mohammed.gamil@feng.bu.edu.eg
Name :	
Position :	
Address :	
telno :	
faxno :	
mail :	
Name :	
Position :	
Address :	
telno :	
faxno :	
mail :	