

## Dr. Khaled Sadoun Alnamasi

Assistant Professor

### Personal Data:

Nationality | Saudi  
Date of Hire | 20/06/2016  
Date Rank Obtained |  
Department | Mechanical Engineering  
Email | [kalnamasi@kfu.edu.sa](mailto:kalnamasi@kfu.edu.sa)  
Office No | 1077  
Office Phone No | 0135895404



### Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Mechanical Engineering	Thermofluids	University of Nottingham	Nottingham NG7 2RD, UK	2022
Masters (M.Sc.)	Mechanical Engineering	Thermofluids	University of Central Florida	4000 Central Florida Blvd, Orlando, FL 32816, USA	2016
Bachelor (B.Sc.)	Mechanical Engineering	-	Southern Illinois University Carbondale	1263 Lincoln Dr, Carbondale, IL 62901, USA	2013

### PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	Theoretical and Experimental Study of Advanced Mild Hybrid Electric Vehicles
Master	

### Experiences:

Title of Job	Address of Work	Country	Date	
			From	To
Loss Prevention Engineer	Aramco, Dhahran 31311	Saudi Arabia	From	10/2013
			To	12/2014
Teaching Assistant	King Faisal University, AlHufuf	Saudi Arabia	From	06/2016
			To	02/2018
Lecturer	King Faisal University, AlHufuf	Saudi Arabia	From	02/2018
			To	11/2022



### Research Interests:

1. Thermofluids
2. Advanced Combustion Technologies
3. Sustainable propulsion (Hybrids and Vehicle Electrification)

### Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Alnamasi, K., Terry, S., La Rocca, A., and Cairns, A.,	“Brake Power Availability Led Optimisation of P0 versus P2 48V Hybrid Powertrain Architectures”	SAE, 2020	<a href="https://doi.org/10.4271/2020-01-0439">doi.org/10.4271/2020-01-0439</a>

### Language Proficiency:

1. Arabic
2. English