



محمد ناصر

محاضر

المعلومات الشخصية

الجنسية | باكستاني

تاريخ الميلاد | ١٩٨٦-١٢-٢٦

القسم | الهندسة المدنية والتشييد

البريد الجامعي الرسمي | mnmuhammad@iau.edu

الهاتف الخاص بالمكتب | 00966538267646

المهارات اللغوية

اللغة	قراءة	كتابة	تحدث
العربية	جيد	جيد	مبتدئ
الانجليزية	ممتاز	ممتاز	ممتاز
أردو	اللغة الأم	اللغة الأم	اللغة الأم

المؤهلات العلمية والشهادات (بدءاً من الأحدث)

Date	Academic Degree	Place of Issue	Address
April 2014	M.S. Civil Engineering	King Fahd University of Petroleum & Minerals	Dhahran, Saudi Arabia
Dec. 2009	B.S. Civil Engineering	Sir Syed University of Engineering & Technology	Karachi, Pakistan

عنوان بحث كل من الدكتوراة والماجستير والزمالة

Effect of Casting Temperatures and Curing Regimes on Mechanical Properties and Durability of Concretes.	الماجستير
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السجل المهني (بدءاً من الأحدث)

Job Rank	Place and Address of Work	Date
Lecturer	Imam Abdulrahman Bin Faisal University, Dammam	Oct. 2014 to date
Junior Engineer	Mott MacDonald Pakistan (Pvt) Ltd., Karachi	Aug. 2010 – Aug. 2011



Junior Structural Engineer	M/s Arif & Associates Consultants, Karachi	Feb. 2010 – Jul. 2010
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الإنجازات العلمية

الأبحاث العلمية المنشورة
(بالتسلسل الزمني بدءاً من الأحدث)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	MU Khan, M Nasir, OSB Al-Amoudi, M Maslehuddin	Influence of in-situ casting temperature and curing regime on the properties of blended cement concretes under hot climatic conditions	Construction and Building Materials, 2021
2	M Nasir, MAM. Johari, M Maslehuddin, MO.Yusuf	Magnesium sulfate resistance of alkali/slag activated silico-manganese fume-based composites	Construction and Building Materials, 2020
3	M Ibrahim, MK Rahman, MAM Johari, M Nasir, EA Oladapo	Chloride diffusion and chloride-induced corrosion of steel embedded in natural pozzolan-based alkali activated concrete	Construction and Building Materials, 2020
4	M Nasir, MAM Johari, MO Yusuf, M Maslehuddin, MA Al-Harhi	Effect of alkaline activators on the fresh properties and strength of silico-manganese fume-slag activated mortar	Advances in Concrete Construction, 2020
5	N Ashraf, M Nasir, W Al-Kutti, FA Al-Maziad	Assessment of thermal and energy performance of masonry blocks prepared with date palm ash	Materials for Renewable and Sustainable Energy, 2020
6	M Nasir, MAM Johari, M Maslehuddin, MO Yusuf, MA Al-Harhi	Influence of heat curing period and temperature on the strength of silico-manganese fume-blast furnace slag-based alkali-activated mortar	Construction and Building Materials, 2020
7	M Nasir, MAM. Johari, M Maslehuddin, MO.Yusuf	Sodium sulfate resistance of alkali/slag activated silico-manganese fume-based composites	Structural Concrete, 2020
8	M Nasir, MAM. Johari, M Maslehuddin, MO.Yusuf	Sulfuric acid resistance of alkali/slag activated silico-manganese fume-based mortars	Structural Concrete, 2020
9	M Nasir, U Gazder, M Maslehuddin, OSB Al-Amoudi, IA Syed	Prediction of Properties of Concrete Cured Under Hot Weather Using Multivariate Regression and ANN Models	Arabian Journal for Science and Engineering, 2020
10	M. Nasir & W. Al-Kutti	Performance of Date Palm Ash as a Cementitious Material by Evaluating Strength, Durability, and Characterization	Buildings, 2019



11	W. Al-Kutti, A.B.M.S. Islam & M. Nasir	Date palm ash based cement compositions	US Patent 10,221,097, 2019
12	W. Al-Kutti, A.B.M.S. Islam & M. Nasir	Potential use of date palm ash in cement-based materials	J. of King Saud Univ. Engg. Sci., 2017
13	M. Nasir , O.S.B. Al-Amoudi, & M. Maslehuddin	Effect of placement temperature and curing method on plastic shrinkage of plain and pozzolanic cement concretes under hot weather	Construction and Building Materials, 2017
14	M. Saleem. & M. Nasir	Bond evaluation of steel bolts for concrete subjected to impact loading	Materials and Structures, 2016
15	M. Nasir , O.S.B. Al-Amoudi, H.J. Al-Gahtani, & M. Maslehuddin	Effect of casting temperature on strength and density of plain and blended cement concretes prepared and cured under hot weather conditions	Construction and Building Materials, 2016

المشاريع البحثية المنتهية

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	M. Saleem (PI), M. Nasir (RA) – DSR	Combined use of Ultrasonic Pulse Velocity and the Schmidt Hammer Test to Improve the Accuracy of Non-destructive Pull-out load Carrying Capacity Estimation of Anchor Bolts	2019 - 2020
2	M. Saleem (PI), M. Nasir (RA) – DSR	A Fundamental Study to Evaluate the Bond of Reinforced Concrete Beams using Non-destructive Testing	2018 - 2019
3	W. Al-Kutti (PI), M. Nasir (RA) - DSR	Production of green concrete using local date palm ash	2017 - 2018
4	M. Saleem (PI), M. Nasir (RA) – DSR	Study to Understand the Effects of Varying Embedment Length on Non-Destructive Load Carrying Capacity of Concrete Anchors	2016 - 2017
5	W. Al-Kutti (PI), M. Nasir (RA) - DSR	Numerical and Experimental Study on the Performance of Confined Concrete Subjected to Compressive Loading	2015 - 2017
6	M. Saleem (PI), M. Nasir (RA) – DSR	Non-destructive Testing Method to evaluate the load carrying capacity of concrete anchors	2014 - 2015

الأبحاث الحالية

#	Research Title	Name of Investigator(s)
1	Process optimization of cellulose nanocrystals from office paper waste and its utilization as renewable additive for strong green concrete	PI: M. Zubair CoIs: M. Nasir, W. A-Kutti, N. Blaisi and O. Aga RAs: M. A. Aziz, S. Manzar and N. Ashraf



2	Development and testing of scale and corrosion green inhibitors from natural extracts of sumac, pumpkin and clove oil for potential industrial applications	PI: N. Dalhat CoI: Shamsuddin, N. Blaisi and O. Aga RA: M. Nasir, M. Zubair and S. Manzar
3	Evaluating the bond performance of steel reinforcement embedded in concrete using neural network	PI: M. Saleem RA: M. Nasir and S. Ali
4	Sustainability, Eco-Point and Performance of Green Lightweight Concrete using Saudi Local Waste	PI: A.B.M. Saiful Islam RA: M. Nasir and F. Anwar

المساهمات في المؤتمرات والندوات العلمية

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Development of Lightweight Concrete Using Saudi Scoria Aggregate – A Preliminary Study	Smart Cities Symposium at Bahrain, April 2018	Publication
2	Potential of volcanic waste Scoria as an eco-friendly aggregate to produce Lightweight Concrete	Smart Cities Symposium at Bahrain, April 2018	Publication
3	The 1st Saudi Concrete Conference	Le Meridien Hotel on 4th May 2016	Attended
4	Construction and Demolition Waste (C&D) Management, Gaps and Opportunities	College of Engg., IAU on 25th April 2017	Attended

العضويات واللجان المشارك فيها

- Registered Engineer with Pakistan Engineering Council # CIVIL/29805

أنشطة التدريس

الجامعية

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Concrete materials	CONEN 332	Labs
2	Strength of materials	ENG 351	Labs
3	Engineering materials	ENG 332	Labs
4	Concrete technology	BSTC 412	Labs
5	Foundation design	CONEN 452	Labs
6	Analysis and design of RC structures	CONEN 471	Lecture
7	Building construction	CONEN 322	Grading
8	Cost estimating	CONEN 441	Grading



الإشراف على الأبحاث الجارية

#	Level	Number of Students	From	To
1	Senior Design Project	4	2020	2021
2	Senior Design Project	4	2019	2020
3	Senior Design Project	4	2018	2019
4	Senior Design Project	2	2017	2018
5	Senior Design Project	7	2016	2017
6	Senior Design Project	3	2015	2016
7	Senior Design Project	4	2014	2015

المهام الإدارية واللجان وخدمة المجتمع (بداء من الأحدث)

عضوية اللجان

#	From	To	Position	Organization
1	2018	Date	Member	Safety Committee
2	2018	Date	Member	Laboratory Committee
3	2018	Date	Member	Academic Affairs Committee
4	2017	Date	Member	Community Services and Training Committee
5	2016	2018	Member	Program Quality and Accreditation Committee
6	2016	2018	Member	Research and Graduate Study Committee

العمل التطوعي

#	From	To	Type of Volunteer	Organization
1	2017	Date	Working in Green Mosque project to serve the community	IAU
2	11 Dhul Hajj in 2013	13 Dhul Hajj in 2013	Served Hajjis at Mina as a guide	Pakistan Hajj Volunteer Group
3	14 Feb 2012	14 Feb 2012	Helped poor families by distributing food in Eastern Saudi Arabia	volunteer day at KFUPM

الكفاءات والمهارات الشخصية (الحاسب, تقنية المعلومات, التقنية .. الخ)

	Software	Skill Level
1	COMSOL, ANSYS, ABAQUS, STAAD Pro and SAP 2000	Beginner
2	ETABS, SAFE and MS Office	Intermediate
3	Origin, Statistica, Mini Tab, Mandeley, EndNote and AUTO CAD	Intermediate

آخر تحديث

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