


Dr. Amer Kh. Massad C.V

Personal Information	Name	Amer Kh. Massad
	Academic Status	Assistant Professor
	Date of Birth	16-07-1970
	Gender	Male
	Nationality	Palestinian
	Address	Hisham Hijjawi College of Technology- An-Najah National University
	Mailing Address	An-Najah National University P. O. Box (1258)
	E – Mail	amermassad@najah.edu
	Jawwal	0598999302

About me

I am a self-motivated hard working person who is eager to learn. I am always punctual and am good at time keeping. I am more than happy to work solely but also working as part of a team. I am a friendly person who is capable of working with colleagues and I am confident in working under pressure if needed.

Academic Qualification	Degree	Major	University	Country	Graduation Date
	PhD	Electrical Engineering Complexes and Systems (machines)/ Honours	Saratov State Technical University	Russia	2002
	B. Sc	Electromechanical Appliances and Technical Devices (machines)/ Honours	Saratov State Technical University	Russia	1998
	Certificate	Certified Occupational Safety and Health Specialists	Occupational Safety and Health institute	Jordan	13.07. 2010 – 16.01.2011
	Certificate	Teaching Russian Language for non-Native speakers	Saratov State Technical University	Russia	1998

Experiences	Experience	Institute	Period
	Head of Engineering and computer professions Department	Hisham Hijjawi College of Technology / An-Najah National University	2018 - present
	Head of Engineering and computer professions Department	Hisham Hijjawi College of Technology / An-Najah National University	2011 - 2014
	Full-Time Assistant Professor	Hisham Hijjawi College of Technology and Faculty of Engineering / An-Najah National University	2003 - present
	Part time Assistant Professor	Al-Quds Open University	2005 - 2011

	Teaching Assistant	Saratov State Technical University/ Russia	1998-2002
--	--------------------	---	-----------

Training & Workshops	Training Session	Organization	Period
	Virtual Reality as Innovative Immersive Learning Tools in Palestinian Higher Education Institutions	Al-Istiqlal University	7.6.2021 - 14.6.2021
	The national standard method for vocational and technical training and education curricula	Ministry Education and Higher Education	2.12.2019 – 14.12.2021
	Know about Basins (KAB)	Ministry Education and Higher Education	14-01.2017 – 26.01.2017
	Certified Occupational Safety and Health Specialists (280 training hours)	Occupational Safety and Health institute - Jordan	13.07. 2010 – 16.01.2011
	The national standard method for vocational and technical training and education curricula	Ministry Education and Higher Education	2.12.2019 – 14.12.2021
	Industrial Control Including: Electrical drive, sensors and PID controllers (60 training hours)	Al-Balqa Applied University - Jordan	9-20/6/2007
	Special Topics in control And Operation of Electrical Power Systems (50 training hours)	Al-Balqa Applied University - Jordan	19/31/8/2006
	Training of trainers and skills of presentation (36 training hours)	The German Jordanian University/ Talal Abu-Gazaleh College of Busniss	5-11/6/2006
	Introduction to Vocational (30 training hours)	An-Najah National University - Palestine	3/04/2003- 10/05/2003
	Models and Methods of Teaching (30 training hours)	An-Najah National University - Palestine	20/05/2003 – 1/07/2003
	Workshop " Taking your TVET Program to the Next Level"	Save the Children	25-26/10/2010
	Advanced First aid course	Palestine Red Crescent Society / Emergency medical institute	3-7/7/2011 40 hours

Committees and Activities	The Activity	Department/ Organization	Period
	Chairman of the Scientific Committee of the Fourth National Conference in Vocational and Training Technical Education	Hisham Hijawi College of Technology / An-Najah National University	2014
	Member of higher committee for the equivalence of diplomas of natural sciences and engineering	Ministry of education and Higher education - Palestine	2010 - present

Member of College council	Hisham Hijjawi College of Technology / An-Najah National University	2007 – present
Member of Comprehensive Exam Committee	Ministry of education and Higher education - Palestine	2003 - present
Member of Palestine Engineers Association	Palestine Engineers Association	1998
Member of Jordan Engineers Association	Jordan Engineers Association	2007
Rapporteur of the Committee on Occupational Safety and Health	Hisham Hijjawi College of Technology / An-Najah National University	2011- present
Rapporteur of the Commission study plans	Hisham Hijjawi College of Technology / An-Najah National University	2010-2011

Training given to	Training Session	Organization	Period
	Qualification of Electrical engineers to work in the field of design, supervision and implementation on Electrical installation of domestic and commercial	Hisham Hijjawi Collage of Technology - Arab Fund for Social and Anmealaguetsada	September 2015 – 2016 / 90 Hours (6 times)
	Design of industrial electrical control panels	Hisham Hijjawi Collage of Technology - Arab Fund for Social and Anmealaguetsada	September 2010 – 2014 (16 times)
	Occupational Health and safety	Hisham Hijjawi Collage of Technology - Arab Fund for Social and Anmealaguetsada	September 2011 – 2014 (8 times)
	Electrical installation of domestic and commercial	Hisham Hijjawi Collage of Technology - Arab Fund for Social and Anmealaguetsada	July 2013- march 2015/ 60 hours (5 times)
	Occupational Health and safety	Save The children	July 2011 30 hours
	Electrical installation of domestic and commercial	Hisham Hijjawi Collage of Technology - GTZ	3/01-26/01/ 2005 70 hours

Research Interests	Linear Machines	Linear Electromagnetic Motors
--------------------	-----------------	-------------------------------

	Electrical Machines	Transformers (Induction and DC motors
	Electrical Drives	DC Electrical Drives
	Power electronics	Power electronics

Research Papers	Published Papers
	<p><b>A.Kh. Massad, S. A. Jarrar. The reality of technical education in Palestine.</b> Proceedings of The Fifth National Conference in Technical and Vocational Education and Training, 2019 Palestine Polytechnic University. Hebron, Palestine.</p>
	<p>G. G. Ugarov. O.V Vdovina. A. Kh. Massad .Mechanical Characteristics of the Linear Electromagnetic Engine. Journal of Electrotechnics. Yuri Gagarin State Technical University of Saratov , Vol. 3.2015. Iss. 8 ,pp86-88.</p>
	<p><b>A.Kh. Massad, S. A. Massad, Problems confronting Technical And Vocational Education in Palestine, and how to Overcome them: Analytical Study.</b> Proceedings of The Fourth National Conference for Technical and Vocational Education and Training, 2015 Hisham Hijjawi College of Technology. Nablus. Palestine.</p>
	<p><b>A.Kh. Massad, Optimization of Design Correlations for Linear Electromagnetic Motors.</b> International Journal of Energy Engineering (IJEE), Vol. 4 Iss. 1.2014,PP. 21-28.</p>
	<p>Ugarov. G.G, Moshkin. V.I and Massad A.Kh, <b>The Influence of Holding Device Anchor Parameters On The Holding Force Magnitude, Of An Integrated Linear Electromagnetic Motor.</b> (AJEST), Vol. 3.2013. Iss. 2 ,pp84-88.</p>
	<p>Ugarov. G.G, Moshkin. V.I and Massad A.Kh, <b>The Effect of Design Parameters of an Integrated Linear Electromagnetic Motor, At the Process of Pulling Away Anchor, From Its Breakaway Stage.</b> International Journal Of Modern Engineering Research (IJMER)  Vol. 4   Iss.9  Sept. 2014, pp 42-49 .</p>
	<p><b>A. kh . Massad , G . G. Ugarov THE INFLUENCE OF DISK THICKNESS COMBINED ARMATURE ON THE PERFORMANCE OF LINEAR ELECTROMAGNETIC MOTOR.</b> Actual problems of energy agro industrial complex: Proceedings of the V international scientific and practical conference. 2014 SAGU. Sraratov. Russia.</p>
	<p><b>Massad A.Kh. Ugarov. G.G, INVESTIGATION OF MAGNETIC SYSTEM SAMPLES OF A LINEAR ELECTROMAGNETIC MOTOR TO FORMULATE THE REQUIRED STATIC CHARACTERISTICS.</b> Actual problems of energy agro industrial complex: Proceedings of the IV international scientific and practical conference. 2013 SAGU. Sraratov. Russia.</p>

Husainov I.M., <b>Massad A. Kh.</b> A device of operating an impulse LEME with regeneration of magnetic energy // Problems of a converting technical equipment, frequency electrodrive and operation, Saratov, SSTU Publishers, 1999.- P 65- 67.
Husainov I.M., <b>Massad A. Kh.</b> Forced accumulation of magnetic energy in a impulse electric mechanical converter // Problems of a converting technical equipment, frequency electronic drive and operation, Saratov, SSTU Publishers, 2000.- 36-38.
Ugarov G.G., Usanov K.M., <b>Massad A. Kh.</b> A portable electromagnetic drive for impulse technologies. Moscow, VINITI Publishers, 2000.- TP 6 (total pages) № 2971-B00.
<b>Massad A. Kh.</b> Investigation of a construction of linear electromagnetic engines with a combined armature in the static modes. Moscow, VINITI Publishers, 23.03. 2001. .- TP 8 (total pages) № 264-B2001.
Ugarov G.G., Kataev A.F., Serebryakov V.M., <b>Massad A. Kh.</b> A linear electric magnetic drive of the press. Moscow, MKN Publishers B01J7/30№2000131763(033569).18.12.2000.
<b>Massad A. Kh.</b> , Ugarov G.G., Husainov I.M. Electric mechanical conversion of energy in linear electric magnetic engines // New technologies on the railway transport and in the education, Saratov, SSU Publishers, 2001.- P128-132.
<b>Massad A. Kh.</b> , Husainov I.M. Optimization of dimensions of portable electromagnetic percussion machines // New technologies on the railway transport and in the education, Saratov, SSU Publishers, 2001.-132-136.
<b>Massad A. Kh.</b> Methods of researching dynamic characteristics of physical models of Linear Electromagnetic Engine with using an electronic computer// Safety of traffic on the railway transport: Collected scientific articles. Saratov: " Nadegda Publishers ",2002.- P54-58.
<b>Massad A. Kh.</b> , Ugarov.G.G., Hussainov I.M. Effectiveness of converting energy in linear engines// Safety of traffic on the railway transport: Collected scientific articles. Saratov : " Nadegda Publishers ",2002.- P58-61
<b>Massad A. Kh.</b> , Ugarov G.G., Vdovina O.V. Criteria of estimating linear electromagnetic engines for impulse technologies// Progressive technologies in teaching and production: Materials of All-Russian conference Publishers. Kamishin April 14-27, 2002.-P25.
<b>Massad A. Kh.</b> , Ugarov G.G., Vdovina O.V. Forming of statistic tractive characteristics of linear electromagnetic engine technology// Progressive technologies in teaching and production: Materials of All-Russian conference Publishers. Kamishin April 14-27, 2002.-P25-26.
<b>Massad A. Kh.</b> , Ugarov G.G., Vdovina O.V. Influence of geometrical parameters of the armature of linear electromagnetic engine to force and energy indices// Progressive technologies in teaching and production: Materials of All-Russian conference Publishers. Kamishin April 14-27, 2002.-P26-27.
<b>Massad A. Kh.</b> Method of experimental determination of the pre-impact velocity// Young specialists to the railway transport. Theses of reports of student scientific practical conference. Saratov : " Nadegda Publishers ",2002.- P42-44.

Conferences	Name Of Conference	Institute	Period
	The Fifth International Energy Conference in Palestine	Palestine Engineers Association (PEA)	27-28 / Jan. 2015
	The third of National and Vocational Education and Training Conference in Palestine	Hisham Hijjawi College of Technology / An-Najah National University	April 2010

	The Second of National and Vocational Education and Training Conference in Palestine	Hisham Hijjawi College of Technology / An-Najah National University	April 2009
	The first of National and Vocational Education and Training Conference in Palestine	Hisham Hijjawi College of Technology / An-Najah National University	April 2008
	Kamishin- All-Russian conference -	Kamishin state technical university	April 14-27, 2002.

Course Taught	The course	Level
	Environmental and Power Engineering	B.Sc - Faculty of Engineering - National An-Najah University
	Power electronics	B.Sc - Faculty of Engineering - National An-Najah University
	Control of Electrical Machine (Electrical Drive)	B.Sc - Faculty of Engineering - National An-Najah University
	Electrical installation	B.Sc - Faculty of Engineering - National An-Najah University
	Electrical machines	B.Sc - Faculty of Engineering - National An-Najah University
	Electrical Circuit	B.Sc - Faculty of Engineering - National An-Najah University
	Safety Engineering and Human factors	B.Sc - Faculty of Engineering - National An-Najah University
	Electronics	B.Sc - Faculty of Engineering - National An-Najah University
	Electrical Engineering	B.Sc - Faculty of Engineering - National An-Najah University
	Metrology	B.Sc - Faculty of Engineering - National An-Najah University
	Electrical and Electronics Circuit Analyses	B.A - Al-Quds Open University
	Electrical Circuit	B.A - Al-Quds Open University
	Introduction to Electronics	B.A - Al-Quds Open University
	Electrical drive(1)	Hisham Hijjawi College of Technology / An-Najah National

		University
	Electrical drive(2)	Hisham Hijjawi College of Technology / An-Najah National University
	Electrical drive(3)	Hisham Hijjawi College of Technology / An-Najah National University
	Electrical machine	Hisham Hijjawi College of Technology
	Power electronics	Hisham Hijjawi College of Technology
	Power electronics Lab.	Hisham Hijjawi College of Technology
	Electrical Circuit	Hisham Hijjawi College of Technology
	Electronics	Hisham Hijjawi College of Technology
	Industrial control and sensors	Hisham Hijjawi College of Technology
	Electrical machines (1)	Hisham Hijjawi College of Technology
	Electrical machines (2)	Hisham Hijjawi College of Technology
	Electrical machines Lab.	Hisham Hijjawi College of Technology
	Electrical Wiring Circuit Lab.	Hisham Hijjawi College of Technology
	Engineering workshop	Hisham Hijjawi College of Technology
	Electrical workshop (re-winding Electrical motors)	Hisham Hijjawi College of Technology
	Electronic (2) Lab	Hisham Hijjawi College of Technology
	Electrical Circuit Lab.	Hisham Hijjawi College of Technology
	Technology of Alternating current	Hisham Hijjawi College of Technology

Conferences	Name Of Conference	Institute
	Arbitrations of programs for diploma in electrical engineering level	
	Reporter of a committee for the adoption of the Diploma	Hisham Hijjawi College of

	of Renewable Energy Engineering	Technology / An-Najah National University
	The Second of National and Vocational Education and Training Conference in Palestine	Hisham Hijjawi College of Technology / An-Najah National University
	The first of National and Vocational Education and Training Conference in Palestine	Hisham Hijjawi College of Technology / An-Najah National University
	Kamishin- All-Russian conference -	Kamishin state technical university