


## نموذج السيرة الذاتية الموحد لأعضاء هيئة التدريس

البيانات الأساسية		
	د. الطيب تجاني حامد محمد	الاسم
الرتبة العلمية + أي منصب إداري داخل الجامعة	أستاذ مساعد	الوظيفية
الكلية أولاً ثم أي جهة يعمل بها داخل الجامعة	كلية الهندسة	الجهة
داخل الكلية فقط	قسم الهندسة الميكانيكية	القسم
الهاتف + التحويلة	0536021493	رقم الهاتف
البريد الجامعي الرسمي فقط	<a href="mailto:tigani5@hotmail.com">tigani5@hotmail.com</a>	البريد الإلكتروني
خارج نطاق الجامعة		الموقع الشخصي

Basic Information		
Name	Dr Eltayib Tigani Hamed Mohamed	
Position	Al Baha University	Academic position + any other position inside BU
Employer	Assistance Professor	Faculty first then others
Department	Mechanical Engineering	Inside the faculty only
Phone	0536021493	Phone # + Ext.
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Website		Outside the BU

المؤهلات		
	دكتوراه في نظام التبريد بالألواح الإشعاعية – جامعة الخرطوم – جمهورية السودان – 2009م.	الدكتوراه
	ماجستير تبريد و تكييف – جامعة الخرطوم – جمهورية السودان – 2001م.	الماجستير

	بكالوريوس في الهندسة الميكانيكية – جامعة امدرمان الاسلامية – السودان - 1997.	البكالوريوس
	-	أخرى

Qualifications		
PhD	PhD in Radiant Panel Cooling, University of Khartoum, Sudan, 2009.	
Masters	MSc in Air Conditioning and Refrigeration, University of Khartoum, Sudan, 2001.	
Bachelor	B.Sc. honours second class division one in Mechanical Engineering, Faculty of Engineering, Omdurman Islamic University, Sudan, 1997.	
Other	-	

الاهتمامات البحثية
<ul style="list-style-type: none"> <li>• تبريد و تكييف.</li> <li>• تبريد و تكييف باستخدام الطاقة الشمسية.</li> <li>• الديناميكا الحرارية و انتقال الحرارة.</li> <li>• تصميم نظم التكييف بمساعدة الكمبيوتر والمحاكاة.</li> </ul>
• تكتب في شكل قائمة نقطية (●)

Research Interests
<ul style="list-style-type: none"> <li>• Air conditioning and refrigeration.</li> <li>• Solar air conditioning and refrigeration.</li> <li>• Thermodynamics and Heat Transfer</li> <li>• Computer aided design of air conditioning systems and simulation.</li> </ul>
• Should be written in a bullet list (●).

Publications النشر العلمي		
Scopus		Scopus author ID
Google Scholars		User ID or link
Microsoft Academic		User ID or link
Research Gate		Inside the faculty only
dblp		link
Researcher ID		User ID or link
ORCID		ORCID ID

التدريس				
رمز المقرر	عنوان المقرر	الساعات المعتمدة	ساعات الاتصال	الفصل الدراسي
32041539	تبريد و تكييف 1	3	4	الأول
32030317	التركيبات الميكانيكية بالمباني	1	1	الأول
32041517	مشروع تخرج الجزء الأول	1	1	الأول
32041408	محركات الاحتراق الداخلي	2	4	الثاني
32000204	الإحصاء الهندسي	3	3	الثاني
32041518	مشروع تخرج الجزء الثاني	1	3	الثاني

Teaching				
Course #	Course	Credit Hours	Comm. Hours	Term
32041539	Air Conditioning and Refrigeration 1	3	4	First
32030317	Mechanical Installations of Buildings	1	1	First
32041517	Graduation Project-part (1)	1	1	First
32041408	Internal Combustion Engines	2	4	Second
32000204	Engineering Statistics	3	3	Second
32041518	Graduation Project-Part (2)	1	3	Second

السيرة الذاتية CV
<p>ترفق كملف PDF مستقل.</p> <p>Attached as a separate PDF file.</p> <p>تم ارفاق السيرة الذاتية باللغة الإنجليزية</p>

1. **Name:** Eltayib Tigani Hamed Mohamed

2. **Education**

Degree	Field	University	Year
B.S.	Mechanical Engineering	Omdurman Islamic University	1997
M.S.	Mechanical Engineering	University of Khartoum	2001
Ph.D.	Mechanical Engineering	University of Khartoum	2009

3. **Academic Experience**

University	Rank/Title	Dates
University of EL-imam Elmhadi	Teaching assistant, Dept of ME, Faculty of Engineering & Technical Studies	1997-1999
University of EL-imam Elmhadi	Lecturer, Dept of ME, Faculty of Engineering & Technical Studies	2001-2003
University of EL-imam Elmhadi	A head of Department of Mechanical Engineering, Faculty of Engineering & Technical Studies	2001-2003
University of Blue Nile	Lecturer collaborator in Thermodynamics. Mech. Eng. Dept.	2003-2004
Omdurman Islamic University	Lecturer collaborator in Refrigeration, Air Conditioning Systems and Thermodynamics. Mech. Eng. Dept.	2004-2007
University of Kordofan	Lecturer collaborator in Design of Air Conditioning Systems	2002-2008
University of EL-imam Elmhadi	Assistant Professor. Mech. Eng. Dept.	2009-2012
University of Nyala	Assistant Professor collaborator in Thermodynamics & Air Conditioning and Refrigeration. Mech. Eng. Dept.	2009-2010
Faculty of Sudan Academic of Science and Technology	Assistant Professor collaborator in an Advanced Thermodynamics for M.Sc. students.	March 2010 to July 2010
Kenana Technical College	External examiner for technical students.	18 October 2010
Kenana Technical College.	External examiner for technical students.	28 October 2011
Al-Baha University	Assistant Professor of Mech. Eng. Dept.	2012-Present

4. **Service Activities**

- 1- Training course in Basic Concepts of IT, AutoCAD & Matlab: Ministry of Higher Education and Scientific Research in association with Sudan University of Science & Technology, Faculty of Computer Science and Information Technology 23/10/2004 to 4/11/2004.
- 2- Training course in Technologies of Recent air conditioning and Refrigeration: Arabian Union for Technical Education in association with Ministry of Higher Education and Scientific Research 18/12/2004 to 23/12/2004.
- 3- Training course in Development of Skills in Research, Data Analysis & Thesis Writing: Sudan University of Science & Technology 24/9/2005 to 28/9/2005.
- 4- Training course in Heating, Ventilation and Air conditioning (HVAC) Design & Drafting for ASHRAE: Institute of Piping Engineering & Building Services, Hyderabad, India 15/12/2007 to 15/2/2008.
- 5- Training course in General English and IELTS preparation: Ministry of Higher Education and Scientific Research in association with the Sudan Volunteer Program (SVP) 28/2/2008 to 28/4/2008.
- 6- Training course in System and Methods of University Teaching: Advanced Training & Development Center, University of Khartoum, From 12<sup>th</sup> to 21<sup>st</sup> September 2011.

- 7- Training course in Application of Instructional Technology in University Teaching: Advanced Training & Development Center, University of Khartoum, From 24<sup>th</sup> to 29<sup>th</sup> September 2011.
- 8- Training course in Evaluation and Measurement: Advanced Training & Development Center, University of Khartoum, From 3<sup>rd</sup> to 9<sup>th</sup> October 2011.
- 9- Training course in Participation in the first annual forum for scientific research in Al - baha University, Kingdom of Saudi Arabia, entitled scientific research is necessary for community and the future leadership, from 17<sup>th</sup> to 18<sup>th</sup> March 2014.
- 10- Training course in Advanced training in skills for using Blackboard system for electronic education, Al - baha University, Kingdom of Saudi Arabia, entitled scientific research is necessary for community and the future leadership, from 22/7/1436 (17<sup>th</sup> ) to 23/7/1436 (18<sup>th</sup> ) May 2015.

## **5. Principle Publications (Last Five Years)**

1. Coil Performance ", University of Khartoum, Engineering Journal, August – 2013, Vol. 3., No. 2, Sudan.
2. Eltayib.T. Mohamed, K. N. Abdalla, "Design of A Radiant Panel Cooling System for Summer Air Conditioning System, International Journal of Enhanced Research in Science Technology & Engineering, ISSN: 2319-7463, Vol. 3 Issue 9, India,September-2014, pp: (52-57), Available online at: [www.erpublishations.com](http://www.erpublishations.com)
3. Eltayib.T. Mohamed, "Performance of a Radiant Ceiling Panel On in Door Quality of Conditioned Space", International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655, Vol. 3 Issue 9, India,February-2016, pp: (332-341), Available online at: <http://www.ijesrt.com>