

Curriculum Vitae

Personal data

Name: Obokhai Kess ASIKHIA
Date of Birth: 8th April 1976
Gender: Male
Local Govt. Area: Owan West
State of Origin: Edo
Marital Status: Married
Number of Children: Three (3)
Residential Address: 11, Ossai Street, Off Evboabogun Road, Sapele Road Benin City
Telephone: 08120920430
E-mail: asikhia.ok@esitmusen.edu.ng
Alternate e-mail: askess2002@yahoo.com
Present Position: Chief Lecturer

Institution Attended with Dates

Institution	Year	Qualification
Asoro Primary School, Benin City	1981-1987	Primary School leaving Certificate
Edo College, Benin City	1988-1993	SSCE
Ambrose Alli University, Ekpoma	1994-1999	B.ENG
University of Benin, Benin City	2002-2004	M.ENG
Cardiff University, Cardiff, UK.	1991-1992	PhD

Academic qualification

Qualification	Institution	Year
PhD Mechanics and Advance Manufacturing	Cardiff University, Cardiff, United Kingdom	2015

M.Eng. Production Engineering (Industrial option)	University of Benin, Benin, Edo State.	2004
B.Eng. Mechanical Engineering	Ambrose Alli University, Ekpoma	1999

Teaching experience

Institution	Duration	Begin date	End date
Federal Technical College, Lassa, Borno State	1 year	2000	2001
Edo State Institute of Technology and Management, Usen		2005	Till date
Cardiff University, Cardiff, UK	1 Semester	2014	2014

Academic leadership positions held

- ✓ Dean, School Of Engineering 2006-2010
- ✓ Deputy Rector (Acads) 2010-2012
- ✓ Director, Academic Planning 2016-till date

Other selected responsibilities

- Chairman, Examination Malpractice Disciplinary Committee (2006-2010)
- Chairman, Committee to extend Electrification to the newly completed Hostels
- Chairman, Admission Committee (2010-2011)
- Chairman, IGR Committee (2011)
- Member, Senior Staff Appointments and Promotion Committee (2006)
- Member, Junior Staff Appointment and Promotion Committee (2006-2011)
- Member, Committee to Screen Proposals for the Institute Portal (2010)
- Member, Committee to Investigate Ghost Workers in the Institute (2009)
- Chairman, Committee to Review Students Project (2016)

- Chairman, Ethics and privileges Committee of ASUP, ESITM User Chapter
- Member, Committee on Review and Fixing of Price for Textbooks sold in the Institute.

Courses taught

Presently teaching	<ol style="list-style-type: none"> 1) Computer Aided Design (CAD 201) 2) Supervisory Management (MEC 221)
Other taught	<ol style="list-style-type: none"> 1. Basic Workshop Practice.(MEC 113) 2. Technical Drawing (MEC 101) 3. Engineering Graphic (MEC 102) 4. Engineering Drawing 1 (MEC 211) 5. Engineering Measurements (MEC 212) 6. Product Design (demonstrator Tutor, Cardiff University, UK)

Scholarship / fellowship / prices

1. PhD Tettfund Scholarship at Cardiff University, Cardiff, United Kingdom (2011-2015)
2. Cardiff School of Engineering Scholarship (2014)
3. Fellowship holder, Netherlands Fellowship Program NFP (2018)

Publication & journals (local/international)

- Osagie-Bolaji, A. N, **Asikhia, O.K.**, Omoruyi, S.O and Esekhaigbe. E. (2018). Design and Implementation of Accident Emergency SMS Tracking System. International Journal of Electrical electronics and Computer Science Engineering vol. 5 issue 1.
- Eboigbe, M. **Asikhia, K.** Oviasogie, P Aghughu, O. (2017). Preliminary Investigation on the Application of Close Range Photogrammetry for Rapid low-Cost Assessment of Land

Suitability in Medium and Large Scale Oil Palm and Rubber Tree Farming. International Journal of Innovative Research in Science Engineering and Technology. Vol. 6 issue 11

- Setchi, R., **Asikhia, O.K.** (2016). Exploring User Experience with Image Schemas, Sentiments and Semantics. Manuscript Accepted IEEE Transaction on Affective Computing. DOI: 10.1109/TAFF.2017.2705691
- **Asikhia, O.K.**, Setchi R., Hicks, Y., Andrew, W. (2015). Conceptual framework for Evaluating Intuitive Interactions based on Image Schemas. Interacting with computers. 27(3), pp 287-310, ISSN 0953-5438. Doi:10.1093/iwc/iwu050.
- **Asikhia, O.K** and Oviawe, C.I (2015). Developing an equation for predicting production outputs of a wall clock frame. Journal of Science, Engineering Technology, 22(1): 11899-11906.
- **Asikhia, K.O, Oviawe, C.I, Idiata, D.J and Aiworo, B** (2015). Performance Evaluation of Crystalline and Amorphous Photovoltaic Cell. Journal of Science and Multidisciplinary Research.
- Oviawe, C.I, **Asikhia, O.K**, Omoruyi, S.O. and Osite, L.M (2015). Analysis of Performance Parameters of Photovoltaic Modules under difference Temperature Condition in Usen Community, Edo State. Journal of Nigeria Institution of production Engineers.
- **Asikhia, O.K**, Ohonba, S.U. (2011) Corrosion Control by Barrier Coating. Journal of Engineering and Applied Sciences, CRI 002.
- **Asikhia, O.K**, Ehondor, S.E. (2011). Ergonomic Design of Computer Keyboard layout. Journal of Sciences and Multidisciplinary Journal.
- Oviawe, C.I, **Asikhia, O.K.** (2011). Determination of Sin Wire Drawing Operation Using the Finite Elements Model. Journal Of National Association of Mathematical Physics, Vol.18 (1).
- **Asikhia, O.K** (2007). Work Place Design for Wall Clock Assembly Using Ergonomics Principles. Journal of Research in Engineering, vol. 4 no. 1.

- Asikhia, O.K (2006) Benefit of adopting better working posture: an ergonomics approach
Journal of Research in Engineering, vol. 4 no. 4.

Research focus and area of specialization

- ✓ Design for Intuitive Use
- ✓ Semantic Systems
- ✓ Renewable Energy System

Peer reviewed journal article

Contribution to book {local/international}

- Fundamentals of AutoCAD: Asikhia O.K and Ehigiamusoe B.U
- Technical Drawings: Oviawe, C.I and Asikhia, O.K
- Engineering Drawing: Oviawe C.I and Asikhia, O.K

Manuscript submitted for publication

Asikhia, O. K., Setchi, R. and Hicks, Y. Evaluating the Affective Aspect of Intuitive Interaction
Based on Image Schemas. Manuscript submitted to: America Society of Mechanical
Engineer (ASME) Journal of Computing and Information Science in Engineering.

Conference attended

- Oviawe, C. I; Akpobi, J.I and **Asikhia. O.K.** (2017). Numerical Analysis of Abrasive Wear Rate of Die Extrusion Process. Paper presented at 141st International Conference on Science, Technology and Management, Held at Dubai, U.A.E.
- **Asikhia, O.K**, Oviawe, C.I and Obazuaye Lucky. (2016). Investigation of Performance Parameters of Amorphous and Crystalline Photovoltaic Cells under Different Temperature Condition. International Conference for Academic Disciplines, University of London, U.K.

- **Asikhia, O.K.**, Setchi, R. (2016). Linking Design Intention and Users interpretation through Image Schemas. Paper presented at 13th /IFAC/IFIP/IFORS/IEA symposium on analysis, Design and Evaluation of Human-Machine system, Kyoto, Japan.
- Oviawe, C.I, **Asikhia, O.K**, Omoruyi, S.O, Osite, L.M, Osazuwa, I.I., Aiworo, B, Edo, T, and Idiata, D.J (2015). An Experimental Investigation of the effect Temperature change on the Performance of Crystalline and Amorphous Photovoltaic cell in Usen Community, Edo State. A Paper Presented at International Conference and Industrial Research, Obafemi Awolowo University, Ile-Ife, Osun State.
- **Asikhia O.K.**, Setchi, R. Hicks, Y., Andrews, W. (2014). Exploring Sustainable design using image schema, International Conference on Sustainable Design and Manufacturing (SDM'14), pp. 67-78.
- **Asikhia O.K** (2014). Methods for Quantifying Intuitive Interaction based on image schema, being a paper presented at the 5th Symposium of Knowledge Engineering System Group, Cardiff University, Cardiff, United Kingdom.
- Ebenedia, I., **Asikhia O.K.** (2008). Seismic Exploration of the sedimentary Basins in Nigeria. Second International conference on engineering, Research Development and Innovation, University of Benin, Benin City.
- **Asikhia O.K**, Omorodion, I.I (2006). Effect of Under-belting Multiple V-Belt. First International Conference on Engineering, Research and Development: Impact on Industries, University of Benin, Benin City.

Workshop attended

- Training Workshop on Photovoltaic (Solar energy) organized by the National Board for Technical Education NBTE, Kaduna, 2010.
- Training Workshop on On-line Educational Portal Management organized by Gheli Technology Solutions LTD, Benin City, 2010.
- Training Workshop on Infrastructural Maintenance in Nigeria organized by Engineering Forum of Nigeria London, United Kingdom 2011.

- 8th Annual Spring event of the Engineering Forum of Nigeria, United Kingdom on infrastructure Planning Implementation and maintenance (IPIM 2011) held at Holiday Inn London Regent's Park, Carburton Street, W1W 5EE, United Kingdom, 2011.
- Training Workshop on Intellectual Property Right organized by Cardiff School of Engineering, Cardiff, United Kingdom, 2012.
- Training Workshop on Library and Information Skills organized by Cardiff School of Engineering, Cardiff, United Kingdom 2012.
- Training Workshop on Managing in Organisations organized by Cardiff School of Engineering, Cardiff, United Kingdom, 2012.
- Training Workshop on Risk Assessment organized by Cardiff School of Engineering, Cardiff, United Kingdom, 2012.
- Training Workshop on Working Safely organized by Cardiff School of Engineering, Cardiff, United Kingdom, 2012.
- Training Workshop on Preparing Conference Paper organized by Cardiff School of Engineering, Cardiff, United Kingdom, 2013.
- Training Workshop on Technical Writing for Non-Native Speaker of English Speaker organized by Cardiff School of Engineering, Cardiff, United Kingdom, 2013.
- Training Workshop of Committee of Directors of Academic Planning of Polytechnics organized by the National Board for Technical Education NBTE,, Kaduna, 2017.

Thesis/Dissertation

- PhD Thesis: Evaluating Intuitive Interactions Using Image Schemas

Project supervision with the environment

Year of supervision	No of project per session
2005	2
2006	2
2007	2
2008	2
2009	2
2010	2
2016	1
2017	1

Academic linkages

- Federal University of petroleum Resources Robotic team

- Knowledge Engineering System (KES) System Group, United Kingdom (2012)
- African Research Hub (ARH), Cardiff, United Kingdom (2013)
- [Researchgate.net/Profile/Obokhai Asikhia](https://www.researchgate.net/profile/Obokhai-Asikhia)

Editorial engagements

- Member, International Technical Committee, Nigerian Energy Forum (NEF)

Special Academic presentations

Nil

Other academic engagement

- ✓ Session chair, Anglo-America Conference for Academic Discipline, University of London, November 2016.
- ✓ Session chair at the first Biennial Conference on Engineering, Science, Technology and Management Research Institute (CESTMRE, 2011) on challenges of actualizing Millennium Development Goals, organized by Edo State Institute of Technology and Management, Usen, 2011

On-going research activity

- ✓ Team Leader, for a project titled “The application of unmanned aerial vehicle (UAV) for precision farming” in collaboration with National Institute for Oil Palm Research (NIFOR) and Rubber Research Institute of Nigeria (RRIN)
- ✓ Development of student centred learning module in collaboration with other fellowship holders of Netherland Fellowship Program NFP
- ✓ Design and programming of Unmanned Aerial Vehicle (UAV).
- ✓ Development and Computerisation of Street Guide Map for Usen Community, Ovia South West LGA, Edo State

Career and progression

Personal immediate career goals

- My immediate goal is to consolidate on the visibility of my previous work through various knowledge gateways and produce a couple of journal publications in high impact journals.

Personal mid-term career goals

- My major career focus within this period will centre on completing the patent of the work that I started over two years ago. Furthermore, I intend to improve my professional networking and acquire more grants, fellowships and more journal articles. I also intend to move the technology readiness level of my PhD research work from the third to the sixth level.

Personal long-term career goals

- My long term goal is to become a professor and also venture into the world of consultancy field in the area of design thinking and knowledge based engineering system.

Membership of professional bodies and learned societies

- Corporate Member, Nigerian Society of Engineers NSE (2006)
- Member, Council for the Regulation of Engineering in Nigeria COREN (2007)

Extracurricular activities

- ✓ Travelling, football and basket ball

Names and address of three referees

Prof. Rossi Setchi

Director, Institute of Mechanics, Materials and Advance Manufacturing,
Cardiff University School of Engineering, Queens Building,
The Parade, Cardiff, CF24 3AA

Prof. Andrew Walters

Director of Research,
National Centre for Product Design and Development Research,
Cardiff, U.K. CF5 2YB

Prof. F.F.O Orumwense

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