

# Assistant Lecturer. Esraa Thamir Khudhair



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## EXPERIENCE

**DATES FROM, OCTOBER 2012 – TILL NOW**

**FACULTY MEMBER**, Civil Engineering Department, AL-Mansour University College.

**DATES FROM FEBRUARY 2012 – SEPTEMBER 2012**

**BITUMEN ENGINEER**, Consulting Engineering Bureau, University of Baghdad

## EDUCATION

**APRIL - 2011**

**MSC IN TRANSPORTATION ENGINEERING**, UNIVERSITY OF BAGHDAD, IRAQ

**Thesis Title** (Surface Free Energy for the Evaluation of Asphalt Binder Stripping).

**SEPTAMBER - 2009**

**BSC IN CIVIL ENGINEERING**, UNIVERSITY OF BAGHDAD, IRAQ

## SKILLS

- Experience in Laboratory Tests in Pavement Roads.
- Teaching Many Topics in Civil Engineering: Mathematics I, Building Material Lab., Engineering Statistics, Traffic Engineering, Numerical Methods, Quantity Survey and Construction Methods.
- Have h-Index =2.
- Member in the editorial Board in International Journal of Recent Advances in Science and Technology.
- Reviewer in many journals: JET, JERT
- Have an Experience in the Following Engineering Software:
  - AUTOCAD, 2016
  - STAAD.Pro.

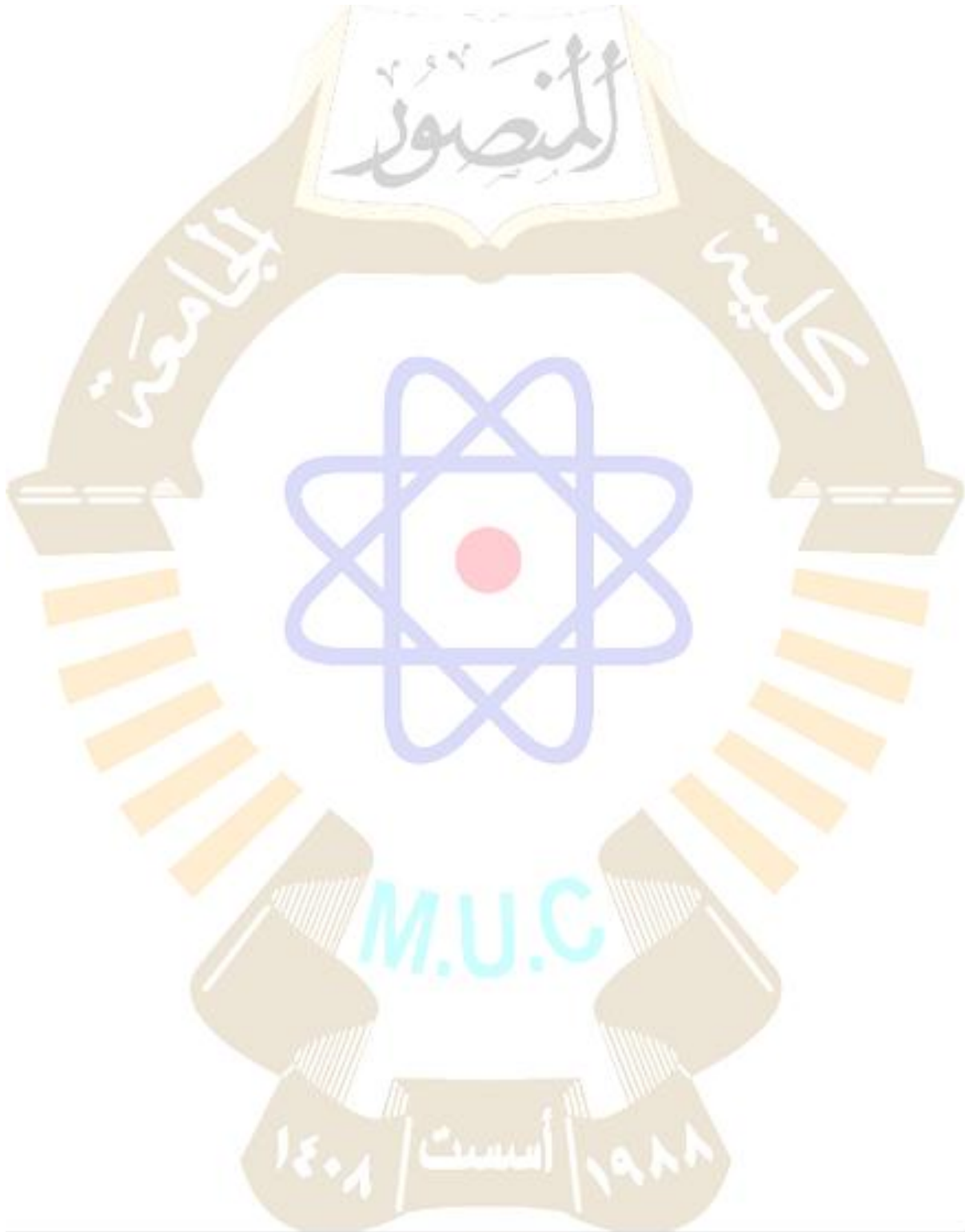
- HIGHWAY CAPACITY SOFTWARE, HCS

## PUBLICATIONS

- Saad Sarsam and Esraa Al – Azzawi “*Surface Free Energy for the Evaluation of Asphalt Binder Stripping*” Journal of Engineering-University of Baghdad, Volume 18, Number 11 November 2012. (p1282- 1297).
- Saad Sarsam and EsraaT. Al – Azzawi “*Assessment of Asphalt Binder Stripping using Surface Free Energy*”, Research and Application of Material journal, RAM 2013 Vol. 1 No. 3, 2013 (P 27-30), Sciknow Publications Ltd. USA.
- Saad Sarsam and Esraa Al-Azzawi “*Modeling the Stripping Potential of Asphalt Concrete*” *Proceedings*; 2013 Airfield & Highway Pavement Conference: Sustainable and Efficient Pavements, Transportation & Development Institute of ASCE T&D; Los Angeles, California, United States; June 9-12, 2013 (pp. 999-1007).
- Saad Sarsam and Esraa AL-Azzawi “*Effect of Nano materials on surface free energy of asphalt cement*” *Proceedings*, 2nd Engineering scientific conference, college of engineering, Mosul university, 19-21 November 2013, Mosul, Iraq.
- Saad Sarsam and Esraa AL-Azzawi , “*Evaluation of Asphalt Binder Stripping using Surface Free Energy concept*”, 2nd International Conference on Applied Materials and Electronics Engineering (AMEE 2013) April 20th, 2013, Hong Kong.
- **Book in “*Evaluation of Asphalt Stripping Properties Using Surface Free Energy*”, Lambert publisher/Germany**
- Amjad H. Albayati and Esraa T. Al-Azawee, “*Properties of Epoxy-Asphalt Pavement Mixture for Bridge Decks*”.*Al-Nahrain Journal for Engineering Sciences(NJES)*, Volume 21, Number 1 February 2018. (p20- 27).  
[http://doi.org/10.29194/njes21\(01\)0020](http://doi.org/10.29194/njes21(01)0020).
- Esraa T.AL-Azawee, “*Evaluation of Traffic Performance of Ahmed Urabi Square in Baghdad City*”, *Journal of Engineering*, Volume 24, Number 6 June 2018. (p86- 102).  
<https://doi.org/10.21026/J.eng.2018.06 07>.
- Esraa T.AL-Azawee and Zaaynab I. Qasim, “*The Influence Of Crumb Rubber Modifier (Crm) On The Properties Of Asphalt Concrete Mixtures*”. *International Journal of Civil Engineering and Technology (IJCIET)*, Volume 9, Issue 10, October 2018, pp. 201–212.

## AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

- Thanks and appreciation from Dean of Al-Mansour University College for participation in supplying a Sanitary Engineering and Transportation Engineering Laboratory.



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