

SHABAN ZANGENA

DR.

PERSONAL INFORMATION

NAME: Shaban Ismael Albrka Ali Zangena

Birthdate: 05/05/1983 Ghat/Libya

Nationality: Libyan

Residence: Al-Yahmadi, Ibra, 400. Sultanate of Oman.

Scopus ID: 56688001600

Orcid: <https://orcid.org/0000-0003-1938-9127>

WORK EXPERIENCE

LANGUAGES

Tamazight language				
Writing				
Reading				
Speaking				
Arabic language				
Writing				
Reading				
Speaking				
English language				
Writing				
Reading				
Speaking				
Malayu language				
Writing				
Reading				
Speaking				
Turkish language				
Writing				
Reading				
Speaking				

CONTACTS

□ Nicosia
□ +905428880237
□ Shabarofking10@gmail.com
in: <https://www.researchgate.net/profile/Shaban-Ali>
□ <https://scholar.google.com/my/citations?user=fJRrw5wAAAAJ&hl=en>

2024 – Present

A'Sharqiyah University

Academic staff at Civil Engineering Department

2017 – 2024

NEAR EAST UNIVERSITY

Vice-Chair of Civil Eng. & Head of Transportation Engineering unit, Nicosia

- Administrative Responsibilities for the Department
- Teaching Transportation Engineering courses
- Supervising postgraduate students (PhD & MSc)
- Evaluating Summer practice reports for undergraduate students
- Heading the students' relation committee

2012 - 2016

The National University of Malaysia (UKM)
Research Assistant and Tutor , Bangi

- Teaching Highway and Transportation Engineering to undergraduate students at the Faculty of Engineering, National University of Malaysia (UKM), Malaysia.
- Converting theses to books and writing research papers at the Sustainable Urban Transport Research Centre (SURRA), Faculty of Engineering, National University of Malaysia (UKM), Malaysia.

2012 - 2015

The National University of Malaysia (UKM)
Laboratory Supervises , Bangi

- Supervises postgraduate students in the asphalt laboratory.

2011 - 2012

Higher Institute of Sciences and Technology/Albrket
Collaborator member of academic staff , Ghat

- Teaching undergraduate level Course:
 - Survey engineering,
 - Environmental pollution
 - Geology courses.

2006 - 2008

Intermediate Center for Comprehensive Vocations/Albrket

Collaborator member of the teaching staff ,Ghat
Collaborator member of the teaching staff teaching survey engineering.

Land Registration Authority

	2005 – 2009	Technical Engineer, Surveyor and Head of real estate allocation committee
	2005 - 2009	Al- Etihad Alafriqi Engineering Works Office Engineer

EDUCATION

2012 - 2016	The Ph.D. degree program in Civil Engineering (Highway and Transportation Engineering) The National University of Malaysia (UKM), Malaysia, Bangi
2009 - 2011	Master of Engineering in Civil Engineering (Highway and Transportation Engineering) The National University of Malaysia (UKM), Malaysia, Bangi
2002 - 2005	H.D in Civil Engineering, Higher Institute of Sciences and Technology, Bent Bay/Wadi Al-Hayat, Libya

COMMITTEES AND INSTITUTIONS

2019 - 2020	The Near East University 1- The 2 nd International Conference of Environment: Survival and Sustainability, 7th to 11th October 2019 Nicosia, Northern Cyprus, Cyprus. 2- The 2nd International Conference on Water Problems in the Mediterranean Countries (WPMC), Lefkoşa, Northern Cyprus, 6-10 May 2019. 3- The 2 nd International Conference on The Cyprus Issue Past, Present and the Vision For the Future, Lefkoşa, Northern Cyprus, 1-3 Apr 2019. 4- The 5th International Conferences on Natural Resources and Sustainable Environmental Mangement (NRSEM-2021)
2015 - 2019	American Society of Civil Engineering (ASCE) Professional Member,
2012– Present	Member of Sustainable Urban Transport Research Centre (SURRA) UKM. Member.
2010– Present	Ghat Society of Civil Engineering Member.

ACADEMIC INDEXING

GOOGLE SCHOLAR INFO

Citations 1180 - H-index 20 - i10-index 29

WEB OF SCIENCES INFO

Citations 225 - H-index 9

SCOPUS INFO

Citations 275 - H-index 10

FOUND & PROJECTS

2019

THE MIDDLE EAST COLLEGE OMAN

Co-Supervisor, Muscat

Antecedents and Consequences of Car Driver Behaviours towards RTA Involvement among the Omani public” Grant fund by The Research Council (TRC), Sultanate of Oman with a total Budget of 3100 OMR (8606 USD).

2014

THE NATIONAL UNIVERSITY OF MALAYSIA (UKM)

A principal investigator, Bangi

The principal investigator of a project with the title of Finite element method application on modified asphalt mixture by nano-particles and polymer materials . Project code : 03 -01 -02 - SF 0999, funded by the ministry of high education in Malaysia with a budget of RM 250 ,000 (US\$ 79 ,365). The project leader is Prof. Dr. Eng. Amiruddin Ismail.

MSC THESIS SUPERVISION

- ✓ Evaluation and Analysis of Factors Affecting Road Traffic Accidents in Tripoli-Libya. M.SC. Thesis.
- ✓ Evaluation of the Traffic Flow at Signalized Intersections, a Case Study of Kano City Nigeria. M.SC. Thesis.
- ✓ Characterization of the Performance of Asphalt Binder Modified with Nano-Composites. M.SC. Thesis.
- ✓ Evaluate the Effect of Moisture and Ageing Condition on Nanoparticles Modified Asphalt Mixtures. MSc. Thesis.
- ✓ Appraisal of Factors Affecting Delays in Road Constructions- A Case Study of Peshawar City. MSc. Project.
- ✓ Risk Management Practice: An Assessment of the TRNC Construction Industry. M.SC. Project.
- ✓ Experimental Investigation of Asphalt Mixture Modified with Waste Plastic Bags. M.SC. Thesis.

✓ Evaluation of Traffic Lights Operating System in Nicosia Using Transyt-7F Software. M.SC. Thesis.
✓ Transport Safety Assessment of Road Adaptive lighting Implementation MSc. Project.
✓ Prediction of The Weathering (Temperature & Rainfall) Effects on Asphalt Binders Modified With ENR Using Adaptive Neuro-Fuzzy Inference System. MSc. Thesis.
✓ Modelling of Complex Modulus and Phase Angle of Polymer Nanocomposite Modified Bitumen. MSc. Thesis.
✓ Modelling of viscoelastic properties of modified asphalt cement. MSc. Thesis
✓ Modelling of Different Nano -Composite Modified Bitumen Using Computational Intelligence -An Ensemble Learning Approach. MSc. Thesis
✓ Artificial intelligence Based Hybrid Models For Classification Of Road Accident Severity. MSc.Thesis.
✓ Awareness of Traffic Safety and Evaluation among Rivers in the City of Mogadishu Somalia. MSc. Thesis.
✓ Multi-Criteria Decision Making For Contractor Selection by Using Analytical Hierarchy Process (AHP) In Erbil- Iraq . MSc Thesis.
✓ Study of Service Quality and Customer Satisfaction of Using Public Transport in Lebanon. MSc Thesis.
PHD THESIS SUPERVISION
✓ The performance characteristics of polymer nanocomposite modified binders and asphalt mixtures. PhD Thesis.
✓ Investigation on The Performance of Polymer Modified Asphalt Binder. PhD Thesis
✓ The Engineering Evaluation of Polymer Nanocomposite Modified Asphalt Using WMA . PhD Thesis
✓ The expert system of ***** Design. PhD Thesis Ongoing
✓ Development of Public Transportation in North Cyprus. PhD Thesis. Ongoing.
✓ The effects of ***** on the performance of modified Asphalt binder and mixture with Polymer/ Nano-materials. PhD Thesis. Ongoing.
INTERNATIONAL CONFERENCES
• The 3 rd International Conference of Water Problems in Mediterranean Countries (WPMC-2023), Nicosia, 14 – 16 December 2023.
• The 6 th International Conference on Natural Resources and Sustainable Environmental Management (NRSEM-2023), Nicosia, 15 – 17 December 2023
• Scientific Conference on Water Resources and Water Security in Libya , Tripoli 15-17 May 2023.
• The Second Educational Scintific Conference on Eductional Evaluation, Ghat Faculty of Education, Ghat 15 March 2023.

<ul style="list-style-type: none"> • Third International Conference On "Cyprus Issue: Environmental Challenges And Energy Security" (EEWRC 2022) Near East University, 21-23 December 2022.
<ul style="list-style-type: none"> • The international Workshop on Advances in laboratory Testing of liquefied Soils, Kyrenia, Cyprus 17 September 2022.
<ul style="list-style-type: none"> • 2nd Nature Inspired Solutions for the Built Environment Conference (NISE2022) Acapulco Resort Convention SPA Hotel, 16 September 2022.
<ul style="list-style-type: none"> • 2nd National Civil Engineering Symposium, Chamber of Civil Engineers, Acapulco Resort Convention SPA Hotel, 14-15 September 2022.
<ul style="list-style-type: none"> • Third conference of Cosmetology and Dermatology, Zamzam Company, 11-16 September, Sharm Elsheikh, Egypt.
<ul style="list-style-type: none"> • 1st National Civil Engineering Symposium, Chamber of Civil Engineers, Acapulco Resort Convention SPA Hotel, 25-26 June 2021.
<ul style="list-style-type: none"> • 5th International Conference on New Advances in Civil Engineering (ICNACE'19) which will be held in Kyrenia, North Cyprus on 8 – 10 November 2019. • The 2nd International Conference of Environment: Survival and Sustainability, 7th to 11th October 2019 Nicosia, Northern Cyprus, Cyprus.
<ul style="list-style-type: none"> • The 2nd International Conference of Environment: Survival and Sustainability. October 7-11, 2019 at Near East University, Nicosia Northern Cyprus.
<ul style="list-style-type: none"> • The 2nd International Conference on Water Problems in the Mediterranean Countries. 6-10 May 2019 at Near East University, Nicosia, Northern Cyprus.
<ul style="list-style-type: none"> • The 2nd International Conference on "The Cyprus Issues: Past, Present and the Vision for the Future". 1-3 April 2019 at Near East University, Nicosia, Northern Cyprus.
<ul style="list-style-type: none"> • Building up Efficient and Sustainable Transport Infrastructure 2017 (BESTInfra2017) Prague, Czech Republic September 21-22, 2017.
<ul style="list-style-type: none"> • Bearing capacity of roads, railways and airfields: proceedings of the 10th international conference on the bearing capacity of roads, railways and airfields (bcrra 2017), June 28-30, 2017, Athens, Greece.
<ul style="list-style-type: none"> • Asia international multidisciplinary conference (AIMC 2017), 1-2 May 2017, University Teknologi Malaysia.
<ul style="list-style-type: none"> • The 10th Malaysian Universities Transport Research Forum Conference 2015 (MUTRFC 2015). 24-25 November 2015, Shah Alam, Malaysia
<ul style="list-style-type: none"> • International Conference on Innovation Trends in Multidisciplinary Academic Research (ITMAR) 20-21 October 2015 Global Illuminators, Istanbul, Turkey.
<ul style="list-style-type: none"> • The 6th International Conference Bituminous Mixtures and Pavements Thessaloniki, Greece, 10-12 June 2015.
<ul style="list-style-type: none"> • International Technical Conference (ITC), Korea, 17-19 November 2014

- AFAP Conference on current and emerging trends in science and engineering 2014, 8th March 2014. Batam, Indonesia.
- The 8th Malaysian Universities Transport research form conference 2013 (MUTRFC 2013). 23-24 December 2013, National University of Malaysia, Bangi, Malaysia., Bangi, Malaysia, 4 - 5 October 2011, (Proc CD).

PUBLICATIONS IN WEB OF SCINCES (WOS)

- 1) Uwanuakwa, I. D., Adamu, M., Ali, S. I. A., Akpınar, P., Hasan, M. R. M., Shariff, K. A., ... & Haruna, S. I. (2023). Effect of polymer molecular weight on the rheology of SBS polymer-modified asphalt binder. *Innovative Infrastructure Solutions*, 8(3), 89. **ESCI**
- 2) Ali, S. I. A., Alothman, D., & Gökçekuş, H. (2023). Rheological Performance of ZycoTherm/Nano-Silica Composite Modified Binders at High and Low Temperatures. *Turkish Journal of Civil Engineering*, 34(2), 77-102. **SCIE Q4**
- 3) Alothman, D., Gökçekuş, H., & Ali, S. I. A. (2022). Rheological Properties of Hot and Warm Asphalt Binder Modified with Nanosilica. *Materials Science*, 28(4), 496-505.
- 4) Alas, M., Abba, S. I., Ismael Albrka Ali, S., Rahim, A., & Yusoff, N. I. M. (2022). Evaluating the Performance of Aluminum Oxide Nanoparticle-Modified Asphalt Binder and Modelling the Viscoelastic Properties by Using Artificial Neural Networks and Support Vector Machines. *Advances in Materials Science and Engineering*, 2022.
- 5) Abunassar, N., Alas, M., & Ali, S. I. A. (2023). Prediction of Compressive Strength in Self-compacting Concrete Containing Fly Ash and Silica Fume Using ANN and SVM. *Arabian Journal for Science and Engineering*, 1-14. **SCIE-Q2**
- 6) Uwanuakwa, I. D., Busari, A., Ali, S. I. A., Mohd Hasan, M. R., Sani, A., & Abba, S. I. (2022). Comparing Machine Learning Models with Witczak NCHRP 1-40D Model for Hot-Mix Asphalt Dynamic Modulus Prediction. *Arabian Journal for Science and Engineering*, 47(10), 13579-13591. **SCIE-Q2**
- 7) Haruna, S. I., Malami, S. I., Adamu, M., Usman, A. G., Farouk, A. I. B., Ali, S. I. A., & Abba, S. I. (2021). Compressive strength of selfcompacting concrete modified with rice husk ash and calcium carbide waste modeling: a feasibility of emerging emotional intelligent model (EANN) versus traditional FFNN. *Arabian Journal for Science and Engineering*, 46(11), 11207-11222. **SCIE-Q2**
- 8) Mustafa, A. L. A. S., ALBRKA, A., & GÖKÇEKUŞ, H. (2020). The High Temperature Performance Evaluation of Polymer/Nanocomposite Modified Asphalt Cement. *Teknik Dergi*, 33(4). **SCIE-Q4**
- 9) Uwanuakwa, I. D., Ali, S. I. A., Hasan, M. R. M., Akpınar, P., Sani, A., & Shariff, K. A. (2020). Artificial intelligence prediction of rutting and fatigue parameters in modified asphalt binders. *Applied Sciences*, 10(21), 7764. **SCIE-Q2**.
- 10) Al-Mansob, R. A., Ismail, A., Rahmat, R. A. O., Borhan, M. N., Alsharif, J. M., Albrka, S. I., & Karim, M. R. (2017). The performance of epoxidised natural rubber modified asphalt using nano-alumina as additive. *Construction and Building Materials*, 155, 680-687. **SCIE-Q1**

11) Ali, S. I. A., Ismail, A., Karim, M. R., Yusoff, N. I. M., Al-Mansob, R. A., & Aburkaba, E. (2017). Performance evaluation of Al ₂ O ₃ nanoparticle modified asphalt binder. <i>Road Materials and Pavement Design</i> , 18(6), 1251-1268. SCIE-Q2
12) Al-Mansob, R. A., Ismail, A., Yusoff, N. I. M., Rahmat, R. A. O., Borhan, M. N., Albrka, S. I., & Karim, M. R. (2017). Engineering characterisation of epoxidized natural rubber-modified hot-mix asphalt. <i>Plos one</i> , 12(2), e0171648. SCIE-Q1
13) D. I., Wu, J., Liu, Q., Hassan, N. A., Yusoff, N. I. M., & Ali, S. I. A. (2016). Physical and rheological characteristics of polymer modified bitumen with nanosilica particles . <i>Arabian Journal for Science and Engineering</i> , 41(4), 1521- 1530. SCIE –Q3
14) Alas, M., Ali, S. I. A., Abdulhadi, Y., & Abba, S. I. (2020). Experimental evaluation and modeling of polymer nanocomposite modified asphalt binder using ANN and ANFIS. <i>Journal of Materials in Civil Engineering</i> , 32(10), 04020305.

PUBLICATIONS (SCOPUS+ INTERNATIONAL)

1. Ali, A. A., Heneash, U., Hussein, A., Ali, S. I. A., & Khan, S. (2023). Models Development for Asphalt Pavement Performance Index in Different Climate Regions Using Soft Computing Techniques. <i>Journal of Soft Computing in Civil Engineering</i> , 7(1), 20-42. SCOPUS
2. Al-Mansob, R. A., Jia, L. Y., Alsharif, J. M., Jassam, T. M., Ng, J. L., Ali, S. I. A., & Surol, S. B. (2021, October). Effects of carbon-nanotube and lime on the weak soil stability. In <i>AIP Conference Proceedings</i> (Vol. 2401, No. 1, p. 020011). AIP Publishing LLC. SCOPUS
3. Al-Mansob, R. A., Wong, W. F., Alsharif, J. M., Jassam, T. M., Ng, J. L., Ali, S. I. A., & Yusof, Z. B. M. (2021, October). Unconfined compressive strength characteristic of soft soil mixed with lime and nano alumina. In <i>AIP Conference Proceedings</i> (Vol. 2401, No. 1, p. 020010). AIP Publishing LLC. SCOPUS
4. Malami, S. I., Anwar, F. H., Abdulrahman, S., Haruna, S. I., Ali, S. I. A., & Abba, S. I. (2021). Implementation of hybrid neuro-fuzzy and selfturning predictive model for the prediction of concrete carbonation depth: A soft computing technique. <i>Results in Engineering</i> , 10, 100228. SCOPUS
5. Ali, S. I. A., Abubaker, A., & Alshetwi, A. B. Z. (2020, March). Characterization of asphalt binders blended with nanomaterial and polymer. In <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 800, No. 1, p. 012002). IOP Publishing. SCOPUS
6. Ali, S. I. A., Elturki, F. A. A., & Jibrel, S. N. (2020, March). Analysis of increment of road traffic accidents in Libya: Case study city of Tripoli. In <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 800, No. 1, p. 012003). IOP Publishing. SCOPUS
7. Karim, F., & Ali, S. I. A. (2020). Evaluation of Most Influential Factors Affecting Road Traffic Accidents in Sidon, Lebanon. <i>Jurnal Kejuruteraan</i> , 32(3), 467-473. SCOPUS
8. Alas, M., & Ali, S. I. A. (2019). Prediction of the high-temperature performance of a geopolymer modified asphalt binder using artificial neural networks. <i>Int. J. Technol</i> , 10(2), 417-427. SCOPUS
9. Alshetwi, A. B., Borhan, M. N., Ali, S. I. A., Irtema, H. I. M., Mohashhash, B., & Rahmat, R. A. A. O. (2018). Prototype Web-Based Expert System For Optimizing The Road Network Of Developing Countries. <i>Journal of Engineering Science and Technology</i> , 13(12), 4053-4065. SCOPUS

10. Alfakhri, A. Y., Ismail, A., Khoiry, M. A., Albrka, S. I., Alshetwi, A. B., & Alghadi, M. S. (2018). A Study of Identifying Significant Variables of Delays in Road Construction Via Structural Equation Modelling (SEM). <i>International Journal of Engineering & Technology</i> , 7(2.29), 893-898. SCOPUS
11. Ali, S. I. A., Ismail, A., Yusoff, N. I. M., Hassan, N. A., & Ibrahim, A. N. H. (2016). Characterization of the performance of aluminum oxide nanoparticles modified asphalt binder. <i>Jurnal Teknologi</i> , 78(4). SCOPUS
12. Ali, S. I. A., Reşatoğlu, R., & Tozan, H. (2018). Evaluation and analysis of traffic flow at signalized intersections in Nicosia using of SIDRA 5 Software. <i>Jurnal Kejuruteraan</i> , 30(2), 171-178. SCOPUS
13. Irtema , H. I. M., Ismail , A., Borhan , M. N., Abdelsalam , H. M., Alshetwi , A. B ., Albrka, S. I., & Das, A. M. (2018). Perceptions Passengers on Service Quality: Public Transport in Kuala Lumpur . <i>International Journal of Engineering & Technology</i> , 7(2. 29), 865-870. SCOPUS
14. Albrka , S. I., Ismail, A., Yusoff, N. I. M., Alhamali , D. I., & Musbah , A. (2016). Performance properties of ASA polymer modified asphalt binders and mixtures . <i>Journal of Engineering Science and Technology</i> , 11(8), 1155- 1164. SCOPUS
15. Mubaraki , M ., Ali , S. I. A., Ismail , A., & Yusoff , N. I. M . (2016). Rheological evaluation of asphalt cements modified with ASA polymer and Al ₂ O ₃ nanoparticles. <i>Procedia engineering</i> , 143, 1276-1284. SCOPUS
16. Irtema , H. I. M., Ismail , A., Albrka , S. I., Ladin , M. A., & Yahia , H. A. (2015). Evaluating the performance of traffic flow in four intersections and two roundabouts in Petaling Jaya and Kuala Lumpur using Sidra 4.0 software. <i>Jurnal Teknologi</i> , 72(4). SCOPUS
17. Alhamali , D. I., Yusoff , N. I., Wu, J., Liu, Q., & Albrka , S. I. (2015). The effects of nano silica particles on the physical properties and storage stability of polymer-modified bitumen. <i>Journal of Civil EngineeringResearch</i> , 5(4A), 11-16. SCOPUS
18. Albrka, S. I., Ismail, A., Yahia, H. A., & Ladin, M. A. (2014). Application of transyt -7f on signalized road junction networks in Shah Alam and Petaling Jaya. <i>Jurnal Teknologi</i> , 69(2). SCOPUS
19. Yahia , H. A., Ismail , A., Albrka , S. I., Almselati , A. S., & Ladin , M. A. (2014). Attitudes and awareness of traffic safety among drivers in Tripoli -Libya . <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 7(24), 5297- 5303. SCOPUS
20. Ladin , M. A., Albrka , S. I., Ismail , A., & Rahmat , R. A. A. O. (2014). Developing a Model for Planting Trees Along the Walkway. <i>Jurnal Teknologi</i> , 69(2). SCOPUS
VOLUNTEER WORK
ADVIOSR & CONSULTANT Internatioal Student Association (CISA) 2019 -Present Organizing free scientific seminars for students and any duty assigned by the director.
ADVISOR Iraqi students community 2019 - 2020 Guiding students and solving academic problems in the university
ADVIOSR & CONSULTANT Libyan students community 2019 –Present Guiding students and solving academic problems in the University
MEMBER

Albrket Youth Gathering | 2012 -Present
Encouraging the young generation to improve the community.

MEMBER

Albarket dialogue and reconciation committee | 2011 – 2012
Working to prevent any conflicts in the region

ACHIEVEMENTS

Publication Award 2021-2022

Near East University

Publication Award 2020-2021

Near East University

Publication Award 2019-2020

Near East University

Publication Award 2018-2019

Best young researcher in the Near East University

Best Supervision 2018

Certificate of appreciation for supervising MSc students from the dean of faculty of Civil and Environmental Eng. 2018.

Best Paper Award 2014

The AFAP Conference on current emerging Technology, Science and Engineering (ACCETSE2014)

REFERENCES

Name: Assist. Prof.Dr. Mustafa Alas
Institution: Near East University
Tel: +905488630780
Email: mustafa.alas@neu.edu.tr

Name: Assoc. Prof. Dr. Nur Izzi Mod Yusif
Institution: The National University of Malaysia
Tel: +60192891221
Email: izzi@ukm.edu.my

Name: Prof. Dr. Gözen Elkiran
Institution: Near East University
Tel: +905488560681
Email: gozen.elkiran@neu.edu.tr

Name: Prof.Dr. Qasim Zeeshan
Institution: Eastern Mediteranean University
Tel: NA
Email: Qasim.Zeeshan@emu.edu.tr

COURSES OFFERED IN SUMMER 22-23

- SOIL MECHANICS I (CIV361) - BSC
- FINAL PROJECT IN TRANSPORATION (CIV498) - BSC

COURSES OFFERED IN FALL 2022-2023

- TRANSPORATION ENGINEERING (CIV351) - BSC
- HIGHWAY DESIGN (CIV457) - BSC
- AIRPORTS & RAILWAYS (CIV459) - BSC
- Final PROJECT IN TRANSPORATION (CIV498) - BSC
- PAVEMENT MANAGMENT SYSTEM (CIV557 & 657) - MSC & PHD

COURSES OFFERED IN SPRING 22-23
➤ SURVEYING ENGINEERING (CIV204) BSC
➤ TECHNICAL REPORTS WRITING (CIV403) BSC
➤ GEOLOGY FOR CIVIL ENGINEERING (GEO102)
➤ HIGHWAY SAFETY (CIV550+CIV650) MSC & PhD
COURSES OFFERED IN SUMMER 21-22
➤ AIRPORTS & RAILWAYS (CIV459) - BSC
➤ TRANSPORTATION ENGINEERING (CIV351) - BSC
➤ ADVANCE TRANSPORTATION ENGINEERING (CIV551& CIV651) - MSC & PHD