

CURRICULUM VITAE

Name: Najeeb Ali Mohamed Yahya
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Position

Current Position: Director of Scientific Research and Consultation Center, University of Zawia.

Past Position:

- 2019-2022 Director of Research Administration at Scientific Research and Consultation Center, University of Zawia.
- 2016-2021 Vice Dean for Scientific Affairs, Faculty of Engineering, University of Zawia.
- 2001-2006 Leading the group of vibration analysis at Research and Development Center, Tripoli, Libya.

Education &Qualifications

- **PhD** Degree in Mechanical Engineering, School of Engineering, Glasgow University, Glasgow, UK, December 2015.
- **M.Sc.** Degree in Mechanical Engineering, Faculty of Engineering, Beihang University of Aeronautics and Astronautics, Beijing, China, January 2001.
- **B.Sc.** Degree in Mechanical Engineering, Faculty of Engineering, Sert University, Sert, Libya, August 1990.

Employment

- 2019- Present Associate Professor in Mechanical Engineering, Department of Mechanical and Industrial Engineering, Faculty of Engineering, University of Zawia, Zawia, Libya.
- 2015- 2019 Assistant Professor in Mechanical Engineering, Department of Mechanical and Industrial Engineering, Faculty of Engineering, University of Zawia, Zawia, Libya.
- 2006- 2008 Assistant Lecturer in Mechanical Engineering, Department of Mechanical and Industrial Engineering, Faculty of Engineering, University of Zawia, Zawia, Libya.
- 2001-2006 Leading the group of vibration analysis, Research and Development Center, Tripoli, Libya.
- 1991-1998 A researcher engineer in Research and Development Center, Tripoli, Libya, my duty is drawing using AutoCAD, design some mechanical parts, and sharing other engineers in pressure vessel testing.

Filed of interests

Mechanical Component Design, Stresses Analysis, Vibration, Mechanics of Composite Materials, Adhesive Bonding and FEM in Structural analysis.

Soft Ware

- Most of office package for windows (Excel, Word, ...etc.)
- Solid Work.
- FORTRAN.
- ANSYS.
- ABAQUS.

Teaching Experience

- Production Engineering IV.
- Mechanical Vibrations.
- Engineering Management and Economics.
- Quality Control I.
- Machine Design I.
- Machine Design II.
- Stress Analysis II.
- Solid Mechanics.

Publications

- Yahya N.A. and Hashim S.A., “Delamination of thick-adherend steel/CFRP laminate connections”, The European Adhesion Conference (9th EURADH), Friedrichshafen/Germany, September 2012.
- Yahya, N.A. and Hashim, S. (2016) Stress analysis of steel/carbon composite double lap shear joints under tensile loading. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 230(1), pp. 88-104.
- Najeeb A. Yahya, Nureddin O. Fahel Alboum and Othman M. Daas, “Finite element analysis of delaminated composite plate under bending”, University Bulletin, Vol. 2(19) – April- 2017,57-82
- N. A. Yahya, “Effects of Carbon Fiber Reinforced Plastic Laminate on the Strength of Adhesive Joints”, The international Journal of Engineering and Information Technology (IJEIT), VOL.4 (1), December 2017, 73-79
- Najeeb A. Yahya, Othman M. Daas, Nureddin O. Fahel Alboum, and Ahmed H. Khalile, “Design of Vertical Pressure Vessel Using ASME Codes” First Conference for Engineering Sciences and Technology (CEST) 25-27 September 2018 / Libya
- N. A. Yahya and M. Lytwyn, “The Use of Bilinear Cohesive Zone Model to Study the Fracture of Mode I in Adhesive Joints” , The international Journal of Engineering and Information Technology (IJEIT), VOL.5 (1), December 2018, 42-46
- Najeeb Ali Yahya, Mutyaa Mohamed Ehmaida, Stress analysis of Steel/Steel Adhesive Bond Double Lap Joints, Al academia journal for Basic and Applied Sciences (AJBAS) vol. 2/No. 2 Dec. 2020
- Abdalnaser H. Fadel, Najeeb A. Yahya, University Bulletin – ISSUE No.23- Vol. (4) December- 2021.
- د. نجيب علي يحيى ، د. مطيعة محمد أحميدة ، م. ايمن جمعة الأوسطي ، م. عبدالسميع حسين شلغوم، " تأثير الأوساط المائية المختلفة علي سلوك تآكل الفولاذ المتوسط الكربون" . مجلة الجامعة ، جامعة الزاوية، العدد 21 المجلد الاول، يناير 2019، ص 25-44.