

Academic Curriculum Vitae



Personal Information:

Full Name: Safeen Yaseen Ezdeen

Academic Title: Professor

Email: safeen.ezdeen@su.edu.krd

Mobile: 07504539583



Education:

- 1997-2001: (Ph.D in Applied Mechanic). Department of mechanical engineering, college of Engineering university of Baghdad, Iraq.
- 1988-1990: (MSc. in applied Mechanic), Department of mechanical Engineering, University of Technology, Baghdad, Iraq
- 1980-1984: (B.Sc.), department of mechanical engineering, university of technology, Baghdad, Iraq.

Employment:

- 2009 professor of Applied Mechanic. Department of mechanical engineering, college of Engineering university of salahaddin, Erbil, Iraq.
- 2001 assist. Prof. of Applied Mechanic ,Department of mechanical engineering, college of Engineering university of salahaddin, Erbil, Iraq.
- 1995 Lecturer of Applied Mechanic ,Department of mechanical engineering, college of Engineering university of salahaddin, Erbil, Iraq.
- 1991 assist. Lecturer of Applied Mechanic ,Department of mechanical engineering, college of Engineering university of salahaddin, Erbil, Iraq.
- 1988 Engineer in Department of mechanical engineering, college of Engineering university of salahaddin, Erbil, Iraq.

- 2005-2009 Board of Journal of Zanko , university of salahaddin, Erbil, Iraq.
- 2009-2012 director of continuous education , college of Engineering university of salahaddin, Erbil, Iraq.
- 2012,2019-2023 Central Scientific graduation committee, university of salahaddin, Erbil, Iraq.
- Co-honor of conference (SU-ICEIT-2016),12-14/3/2016, , college of Engineering university of salahaddin, Erbil, Iraq.
- Conference general chair (SU-ICEIT-2019), 14-16/4/2019, college of Engineering university of salahaddin, Erbil, Iraq.
- 2007-2011 Upgrade Scientific degree , Engineering university of salahaddin, Erbil, Iraq.
- 2012-2017 Dean college of engineering , university of salahaddin, Erbil, Iraq.
- 2019 Evaluation committee in Higher ministry to private university in Kurdistan region.
- supervised of twenty years under graduation projects
- supervised MSc and Phd students (14)
- 1991-1997 Examination committee member in mechanical Engineering Department.
- 2001-2007 Head of Examination committee in mechanical engineering Department
- 2011 Head of Examination Committee in college of engineering.
- 2017-2024 Examination committee for post graduate studies in mechanical engineering Department.

Qualifications

- Teaching qualifications
- IT qualifications
- Language qualifications such as TOEFL, IELTS or any equivalent
- Any professional qualification
- You could put any professional courses you have attended

Teaching experience:

- Static Engineering
- Dynamic Engineering
- Mechanical drawing Engineering
- Theory of Machine
- Vibration
- Control & measurement

-Machine design

Subject which will be have been taught be for MSc & Phd.

- Stress analysis

-Finite Element Method

- Advance Dynamic

- Mechanical Composite material

-Selection of material

- Advance Vibration

- advance control

-Structural Dynamics

Research and publications

1- **Safeen Y. Kasab**, Basim M. Clor and," Effect of work hardening characteristics on conical Nosing", J. of Eng. and technology. Vol.11, No.9, 1992, Baghdad

2- **Safeen Y. Kasab**," Design concept of bonded gear box", J. of Zanco, Salahaddin university/Arbil, Vol.5, No.4, 1992

3- Shawnim R. Jalal and **Safeen Y. Kasab**,"The corrosion of materials by rough particles in fluids", J. of Zanco, Salahaddin university/Arbil, Vol.7, No.1, 1995

4- **Safeen Y. Kasab**," Effect of the Specimens length on the conical nosing operation", J. of Zanco, Salahaddin university/Arbil, Vol.10, No.1, 1998

5- Shawnim R. Jalal, **Safeen Y. Kasab** and Hawro Kh. Shaker,"The effect of impact process by steel ball on mechanical properties of Different material", J. of Dohuk University, Vol.2, No.6, 1999-1st scientific conference 27-29/April/1999

6- **Safeen Y. Kasab**, Adnan N. jumel and Mahmoud F. Edan,"Simulation of satellite structure under space environments", Ist conference of Mech. Eng. and Material Science- university of kufa Najaf (17-19-10/2000)

7- Shawnim R. Jalal, **Safeen Y. Kasab** and Hawro Kh. shaker,"Changing the design of screen shaft with accessories of Via Nova asphalt Plant", J. of Zanco , Salahaddin university/Arbil, Vol.10, No.2, 2005.

8-**Safeen Y. Kasab** and Azad M. Ali, "The effect of pressure on the stress distributions in the cylinder Block of I.C. engines", J. of Zanco Salahaddin university/Arbil, Vol.17, No.1, 2005.

- 9-**Safeen Y. Kasab** and sherko A. Baban,"The study of vibration characteristics in head stock of lathe machine at Different cutting conditions", J. of Zanco Sulaimani, Vol.9A, No.1, Sept.2006.
- 10- **Safeen Y. Kasab** and sherko A. Baban, "Effect of the Contact Angle between the Cutting Edge and Surface of Cut on the Flange Wear Width in Turning Operations", J. of Zanco Sulaimani, Vol.9A, No.1, Sept.2006.
- 11- **Safeen Y. Kasab**," Estimation of Cutting Force in Turning operation from measurement of motor current", International Conference on Modeling and Simulation, Salcuk university-Turkey, 28-30/8/2006.
- 12-Rizgar B. W., Kaikhasraw A. K., Ziyad J. A., **Safeen Y. K.**, Hawro Kh. And Azad M. A," Design of pump working by solar energy", J. of Zanco, Salahaddin university/Arbil, Vol.18, No.1, 2006.
- 13- **Safeen Y. Kasab**, "Thermal Stress Analyses of Spacecraft Structure in space environments", J. of Zanco, Salahaddin university/Arbil, Vol.18, No.1, 2006
- 14- **Safeen Y. Kasab** and Younis K Khoshnaw,"The effect of cutting tool vibration on surface finishing of work piece in turning operation", J. of Engineering & technology. Baghdad, Vol.25, No.7, 2007.ISSN 1681-6900.
- 15- **Safeen Y. Kasab** and Fakhir A. Rozhbiany ,"Study of Influence of cutting force in surface roughness in turning operation", (MSc Thesis 2006)The 6th Jordanian International Mechanical Engineering Conference (JIMEC'6) 22 - 24 October 2007, Amman – Jordan
- 16-**Safeen Y. Kasab** and Fakhir A. Rozhbiany," Effect of cutting Parameters on Tool temperature Rise in turning operation", J. of Zanco VOL.20, No.1, 2008.
- 17- Nazhad A. Hussain and **Safeen Y. Ezdeen**," Three Dimension Finite Element Simulation of Arc Welding Process Using ANSYS APDL Program", J. of Zanco VOL.21, No.2, 2009.
- 18- **Safeen Y. Ez-deen**," The Effect of Impact Energy on The Mechanical Behavior Of E-glass Composite Materials", J. of Zanco VOL.21, No.4, 2009.
- 19- **Safeen Y. Ez-Deen** and Abdulrahman B. Shakir,"Effect of Acoustic Vibration on the Satellite Structure at Launch Stage", International Conference on Modeling and Simulation, MS 09, INDIA – 1-3 Dec,2009
- 20- **Safeen Y. Kasab**, "The effect of space environments factors on spacecraft structure", AMSE 2010 conference Barcelona, University of Barcelona 15-17/07/2010
- 21- AZAD M. A., **SAFEEN Y. E.**, MUHSIN J. J., " Thermo Mechanical Coupling of Laminated Composite Plates Using Finite Element Method", The 3rd International

Conference Advanced Composite Materials Engineering COMAT 2010, 27-29 October 2010, Brasov, Romania

22- AZAD M. A., **SAFEEN Y.E.**, MUHSIN J. J.," Elastic Stress Analysis of Laminated Composite Plates Experimentally ", International Conference on Experimental Mechanics 2010 29Nov.-1 Dec. , Kuala Lumpur-Malaysia

23-**Safeen Y.E.**, Azad M.A., Muhsin J. J." Finite Element Analysis for Nonlinear Behavior of Laminated Composite Plates under Thermo Mechanical Coupling", WASET 28-29/August/2012, Kuala Lumpur-Malaysia.

24-**Safeen Y.E.**, Nazhad A.H.," Determination of Welding Residual Stresses in Fillet Welded Joints using ANSYS APDL Program and Comparison with Experimental Results", WASET 28-29/August/2012, Kuala Lumpur-Malaysia.

25-**Safeen Y.E.**, Ahmed Khalid A.," Simulation of the Dynamic Model of a 3-Axis Stabilized Satellite ".1st international conference on engineering and innovation technology, salahaddin University-Erbil –Iraq ,12-14april 2016.

26-**Safeen Y.E.**, Hussein A.S., Shirin O.M.," Modal analysis of pneumatic two finger robotic hand by finite element analysis and experimental testing", IJENS issn:2077-1185, V13, issue 03,

27-**Safeen Y. E.**, Jwan K.M., Younis K.KH.," Contact stress analysis of spur gear under the different rotational speed by theoretical and finite element method, conference (1st ICECKR) 5-6 may 218, duhok city Kurdistan region-Iraq

28-**Safeen Y.E.**, Sherwan H.Kh.," STRESS AND VIBRATION ANALYSIS OF COMPOSITE LAMINATED PLATES UNDER STATIC LOAD," conference (ICSTEM 2018),Paris,France, 12-12 July, 2018. International Journal of Mechanical and Production Engineering, ISSN(p): 2320-2092, ISSN(e): 2321-2071 Volume- 6, Issue-9, Sep.-2018, <http://iraj.in>

29-**Safeen Y.E.**, Kareem A.A., Alfons A.," Excremental and harmonic modal analysis of composite spur gear using Ansys ACP", (IJMPERD),ISSN(P):2249-6890;ISSN(E):2249-8001, vol.10,Issue 3, jun.2020,15401-15416.

30-**Safeen Y.E.**, Sara M.A.," Effect of coating on the specific properties and damping loss factor of ULTEM 1010", ZANKO Journal, ISSN (print):2218-0230,ISSN(online):

31-**Safeen Y.E.**, Sara M/A.,” Mechanical properties and free vibration analysis of electroplated ABS M30”,(IJMPERD),ISSN:2249-8001;ISSN(E):2249-6890;vol,10,ISSUE 3, jun 2020, 10883-10894.

32.**Safeen Y.E.**, Kareem A.A., Alfons A.,” minimum weight optimization of materials and strength for spur gear design” ”,(IJMPERD),ISSN(P):2249-6890;ISSN(E):2249-8001, vol.11,Issue 4, Aug.2021,305-318.

33-**Safeen Y.E.**, lanja S.” Vibration Analysis of composite laminated plates using analytical and APDL Ansys codes” Qalaai zanistscientific journal, ISSN 2518-6566(online)-ISSN 2518-6558(orient), Vol (7), No(3),2022

35-**Safeen Y.E.** , Ahmad Kh.” Design of a new modular reconfigurable gripper”, TEM Journal – Volume 11/ number 2/2022.

36- **Safeen Y.E.**, Ahmad kh. “Analyzing the stress and modal behavior of a reconfigurable gripper’s finger with different fabrication materials”, international journal of mechanical engineering and robotics research Vol. 11 No. 11, November 2022.

37-**Safeen Y.**,Kareem A.” EFFECTS OF LAMINA ORIENTATION ON UNIAXIAL BUCKLING LOAD OF COMPOSITE PLATES”, Journal of University of Duhok., Vol. 26, No.2 (Pure and Engineering Sciences), Pp 705 - 720, 2023 4th International Conference on Recent Innovations in Engineering (ICRIE 2023) (Special issue).

38- **Safeen Y.E.**, Anas A.M. , Gawhar I. Kh.”Optimization of parameters in rotary friction welding process of dissimilar austenitic and ferritic stainless steel using finite element analysis”, Advances in Mechanical Engineering 2023, Vol. 15(7) 1–16.

Conferences and courses attended

1-First Scientific Conference of University of Duhok, 27-29, April-1999.

2-First Scientific Conference of University of Kufa, 17-19, October-2000

3-AMSE Conference in Salcuk University /Konya-Turkey/28-30/8/2006

4-The six Jordan International Conference, October/22-25/2007 Amman-Jordan

5-Rotating Machinery Measurements course, in naerum Denmark, 3-5/12/2008.Brue&kjaer company.

6-Universa, Vibration Test course, held at Brue &Kjaer in Naerum Danimark on 8-12/12/2008.

- 7-AMSE Conference in College of Engineering of Trivandrum/Kerla-India-1-3/12/2009
- 8-AMSE Conference in Barcelona University /Spain-15-17/7/2010.
- 9-First Iraqi-German University Network Conference, 29th Nov-1st Dec 2010.
- 10-Revitalizing Research in Kurdistan International Conference, KRS, 14-16/12/2010, Iraq-Erbil
- 11- The 3rd International Conference Advanced Composite Materials Engineering COMAT, Brasov, Romania, 27-29 October 2010
- 12-Simulation and Modeling of Technical Process”Organizing by the department of Mechanical Engineering, TU Bergakademe Freiberg. 07- 10/11/2010.
- 13-International Conference on Experimental Mechanics 29 Nov.-1 Dec.2010, Kuala Lumpur / Malaysia.
- 14 -4th International Scientific Conference of Salahaddin University-Erbil, 18-20 October 2011, Erbil-Iraq.
- 15- International Conference of WASET 28-29/August/2012, Kuala Lumpur-Malaysia
- 16-Introductory course of VERICUT Simulation of CNC machining”, Mechanical Engineering Department-salahaddin University Erbil, 11-13/1/2013.
- 17-Getenergy Global, 3-4/6/2014, Business Design Center-London.
- 18-International Conference, IRAQ:10 YEARS ON STOCKTAKING AND PERSPECTIVES, 9-12/12/2013, ORGANIZED BY SALAHADDIN UNIVERSITY-ERBIL.
- 19-Symposium-partnership in progress, Nov. 12-13 ,2014, salahaddin university-Erbil, Iraq
- 20-1st International Engineering Conference on Developments in Civil & Computer Engineering Applications, IEC2014/Nov. 24-26/2014/Ishik university, Erbil, KRG, Iraq.
- 21-Workshop (Bridges to Iraq-Diaspora Academic Networking), 11-12 December 2013, UNISCO.
- 22-Iraqi-German university symposium Partnership in progress-Industry applied professional development 16-17 November 2015. Mechanical eng. Dep. Salahaddin university-Erbil.
- 23-EMOTIONAL INTELLIGENCE-STRATEGIES THAT MAKE LEADERS, Held on 13th January 2016, culture center of Salahaddin University, Erbil, Kurdistan(KOREK ACADEMY)
- 24-Water for life, Kurdistan water week workshop, dams & water department/engineering college/salahaddin university-Erbil, 6-8/3/.2016.
- 25-1st International Conference on Engineering and Innovative Technology, April, 12-14, 2016, College of Engineering, Iraq-Erbil
- 26-FRENCH-KURDISH INTERNATIONAL WORK SHOP, 7-9/12/2016, salahaddin university, erbil, iraq kurdistan
- 27-SU and Ministry of Housing and Construction arrange an academic talk for construction of KRG, 21-22/2/2017 Erbil/Iraq
- 28-2nd international conference of the college of engineering, university of Duhok , April 26-27/2017(ICRIE)

29-1st international conference of water and energy in Kurdistan, challenges and alternatives,14-15th may/2017.college of engineering/ Salahaddin university, Erbil – Iraq
30-1st International Conference on Engineering Challenges in Kurdistan Region 2018 (1st ICECKR). Duhok, Iraq, May 5th to 6th, 2018.
31-ISER - 398th International Conference on Science, Technology, Engineering and Management (ICSTEM), Paris, France, 12th - 13th July, 2018.
32-work shop (Review and development of study programs for engineering colleges of the universities of the Kurdistan region) Erbil-Iraq, September 17-18/2018.
33-2nd International Conference on Engineering and Innovative Technology, April, 14-16, 2019, College of Engineering, Iraq-Erbil

Funding and academic awards

- Safeen Y. Kasab , "Changing the design of screen shaft with accessories of Via Nova asphalt Plant", 2005.
- Safeen Y. kasab, " Design of pump working by solar energy", 2005

Professional memberships

- 1984-1993 member of Iraqi engineering union.
- 1993- till now member of Kurdistan engineering union.

Professional Social Network Accounts:

Research gate : <https://www.researchgate.net/profile/Safeen-Ezdeen>

Google Scholar : <https://scholar.google.com/citations?user=VsKeEp8AAAAJ&hl=en>

ORCID ID:<https://orcid.org/0009-0009-0355-6997>

Academic Profile: <https://academics.su.edu.krd/profile-admin/index.php?p=profile>