


Curriculum Vitae :Dr.Safeen Yaseen Ezdeen

Family name/ Surname	Ezdeen				
First name	Safeen				
Middle name	Yaseen				
E-mail	safeen.ezdeen@su.edu.krd safinkasab@gmail.com				
Date of Birth	1 st July 1961				
Place of birth	Erbil				
Mobile	00964 750 4539583				
Preparatory graduated from	Erbil	governorate	Erbil	year	1979-1980
Date of first assignment in university	1980-1981				
Academic attainments	Certificate	University	College	Graduation year	Country
	B. Sc.	Technology	Mechanics	1983-1984	Iraq/Baghdad
	M. Sc.	Technology	Mechanics	1989-1990	Iraq/Baghdad
	Ph.d	Baghdad	Mechanics	2000-2001	Iraq/Baghdad
Academic title attained	Academic title			Date of attainment	
	Assistant lecturer			20/7/1991	
	Lecturer			11/10/1995	
	Assistant professor			11/10/2001	
	Professor			14/6/2009	
General specialization	Mechanic / Applied mechanic				
Specific specialization	Design				
Language	Kurdish, Turkish, Arabic, English				
Research / Thesis title(MSC)	Effect of work hardening on conical nose of cold work				
Phd	Simulation of satellite structure under space enviroments				
Assignment and posts					
1- Engineer \ Iraq Air force Army \1984-1987 2- Engineer \ Mechanical Eng Dep./University of Salahaddin-Erbil \ 1988-1991 3- Lecturer in mechanical engineering department\university of Salahaddin-Erbil \1991-2022 4- Board of Zanko Journal 2005-2009 5- Continuous education 2009-2012 6- Upgrade Scientific degree 2007-2011 7- Central Scientific graduation committee 1june-1december/2012 8- Dean college of engineering 9/12/2012-14/2/2017 9- Co-honor of conference (SU-ICEIT-2016),12-14/3/2016 10- Conference general gaur (SU-ICEIT-2019), 14-16/4/2019 11- Central Scientific graduation committee, 2/1/2019- 12- Evaluation committee in Hight ministry to private university in Kurdistan region 2019					
Committees participated in the college and university					
1- Examination committee member (1991-1997) 2- Head of Examination committee \ 2001-2002, 2003-2004,2006-2007 3- Examination committee for post graduate studies 3- Scientific graduation committee (two years)					
Published Researches					
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					

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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", 1st 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

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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): 2412-3986,DOI:<http://dx.doi.org/10.21271/zipas>

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**" Vibration Analysis of composite laminated plates using analytical and APDL Ansys codes" Qalaai zaniistscienfific journal, ISSN 2518-6566(online)-ISSN 2518-6558(orient), Vol (7), No(3),2022

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

36- Safeen Y.E. "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.

Conference & workshop

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- 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, 27-29october2010
- 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 29Nov.-1 Dec.2010, Kuala Lampur / Malyzia.
- 14 -4th International Scientific Conference of Salahaddin University-Erbil, 18-20october2011,Erbil-Iraq.
- 15- International Conference of WASET 28-29/August/2012,Kuala Lampur-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 January2016, 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

Supervising of post graduate thesis

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- 1-The effect of cutting tool vibration on surface finishing on work piece on turning operation(MSc 2005)
- 2-Study of Influence of cutting force in surface roughness in turning operation(MSc 2007)
- 3-Effect of Acoustic vibration on spacecraft structure at launch stage(MSc 2009)
- 4-Experimental & finite element simulation of residual stress& distortions in welding(Phd 2009)
- 5-Thermo-mechanical coupling for linear & nonlinear analysis of composite plates(Phd 2009)
- 6-Simulation of dynamic analysis of 3-axis stabilized satellite.(MSC 2012)
- 7-Stress and Vibration Analysis of Composite Laminate Plates under Varying Loads.(MSc 2014)
- 8-Investigation of cubesat satellite structure and materials for space environments (Phd 2021)
- 9-Numerical and Experimental dynamic investigation of 3D spur gear of composite material(Phd2022)
- 10-Theoretical and experimental vibration analysis of laminated composite plates(MSc2022)

Evaluation committee

- 1-Diffusion coating on a low carbon steel and its oxidation behavior inside I.C
Enginess Emission(2002)
- 2-Designing of a control system for the pelton Turbine based on its optimum behavior(2003)
- 3-The determination of the geometric effects of the teeth in gear design by using theoretical and practical approaches.(2004)
- 4-Study of dimensional deviation of the work piece due to flank wear of the cutting tool in turning operation (2005)
- 5-Mechanical behaviors of 7020 Aluminum alloys wells (2006)
- 6-Effect of burnishing operation on both surface finish& hardness to brass & aluminum(2006)
- 7-Study of surface finish of mechanical parts using nose tools(2006)
- 8-Effect of the shape of friction area on the mechanical properties of friction welded parts
- 9-Simulation of deep drawing die design using finite element method.(2010)
- 10-Mechanical properties for friction welded Aluminum Alloy(AA6063), Produced on Drilling machine(2010)
- 11-Vibration analysis of cracked cantilever composite beam(2014)
- 12-modeling and vibration analysis of cantilever composite beams.(2014)
- 13-linear composite laminates(2014)
- 14-Estimation of Inclination Parameters of Serial Robot Manipulator Links Using MEMS Inertia Sensors(Phd2017)
- 15-Fluidic composite tuned vibration absorbers of a cantilever beam (Phd 2019)
- 16-Machine adaptation and optimization of the 3D printing processes for the use of glass fiber filament (MSc 2022)
- 17-Investigating the behavior of laminated composite thin plates for armor application(MSc 2023)

Subject which will be have been taught be for BSc.

Subject	Department	University
Static &dynamic	Electrical	Salahaddin
Dynamic	mechanic	Salahaddin
Mechanical drawing	Mechanic	Salahaddin
Theory of Machine	Mechanic	Salahaddin
Vibration	Mechanic	Salahaddin

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Control	Mechanic	Salahaddin
Machine Design	Mechanic, welding	Salahaddin, Sulaimanya technical college
Stress analysis	Welding	Sulaimanya technical college
Subject which will be have been taught be for MSc & Phd.		
Subject	Department	University
Finite Element Method	Mechanical Eng.	Salahaddin
Advance Dynamic	Mechanical Eng.	Salahaddin & college of Polytechnic
Mechanical Composite material	Mechanical Eng.	Salahaddin
Selection of material	Mechanical Eng.	Salahaddin
Advance Vibration	Mechanical Eng.	Salahaddin
Advance control	Mechanical Eng.	Salahaddin
Stress analysis	Mechanical Eng.	Salahaddin
Structural Dynamics	Mechanical Eng.	Salahaddin