

## C . V .

-Name :- Assist. Prof. Dr. Jawad Kadhim Oleiwi

-born date :- 1967

-Permanent address :- Baghdad/ Al-Kadimia city

-E-mail :- -

-Contact numbers :- -

-Nationality :- Iraqi

-marital status :- -

- Languages :- English

-Qaulification :-

\* B.Sc. in Mechanical Eng.

\* M.Sc in Mechanical Eng./ Design.

\* Ph.D. in Mechanical Eng./ Design.

-Teaching experience :-

1-) Composite Materials.

2-) Principles of Computer Sciences.

3-) Programming (Basic and Fortran Language).

4-) Machine Design.

5-) Static and Dynamics.

6-) Strength of Materials.

7-) Stress Analysis.

8-) Mechanical and Engineering Drawing.

9-) Finite Element Method.

10-) Numerical and Engineering Analysis.

-Conferences and Seminars :- -

-awards :- -

-Publications :-

1- Researches :-

- 1-) Buckling Analysis of the Composite Column by Using Finite Element Method.
- 2-) experimental Study of the Flexural Strength of the Laminate Composite Materials
- 3-) Effect of ( $Al_2O_3$ ) on the Flexural Analysis of Polymer Matrix Composite Reinforced by Unidirectional Glass Fiber.
- 4-) Buckling Analysis of Unidirectional Polymer Matrix Composite Plates.
- 5-) Study of the Mechanical Properties and Thermal Conductivity for Polymer Composite Materials Reinforced by Aluminum and Aluminum Oxide.
- 6-) Study the Thermal Characteristics of a Composite Specimen by Using Finite Element Method and Experimentally.
- 7-) Design of a Dynamometer for High Power engines.
- 8-) A Study of Wear Rate Behavior of Polyester Reinforced by Silica ( $SiO_2$ ) Particles
- 9-) Study the Hardness and the Wear Rate of Elastomer Composites Reinforced by  $Al_2O_3$  and  $SiO_2$  Particles.
- 10-) Improving the Tire Tread by Adding Silica and Alumina to SBR and NR Elastomers.
- 11-) A Study of the Effect of Carbon Black Powder on the Physical Properties of SBR/NR Blends Used in Passenger Tire Treads

- 12-) A Study of the Effect of Carbon Black Powder on the Mechanical Properties of SBR/NR Blends Used in Passenger Tire Treads.
- 13-) Effect of Reinforcement Material on Fatigue Characteristics of Trans-Tibial Prosthetic socket with PMMA Matrix.
- 14-) Tensile and Fatigue Characteristics of Lower-Limb Prosthetic Made from Composite Materials.
- 15-) Improving Mechanical and Fatigue Characteristics of Trans-Tibial Prosthetic socket.
- 16-) Experimental Investigation and Mathematical Modeling of Tensile Properties

2- books :- -

-work shops attended :- -

-other activities :- -