

C.V.

Name: Nadia Abbas Ali

Date of Birth: 29- 9-1978

Religion: Muslima

Martial status: Married

No. of children: 3 children

Specialization: Materials

Scientific Degree: Assistant prof.

Work Address: Physics Dept./College of Science/Univ. of Baghdad

E – Mail: nadia29seb@yahoo.com, nadia444abbas@gmail.com

First: Scientific Certification

Degree(scientific)	University	College	Date
B.Sc.	Baghdad	Science	2000
MSc	Baghdad	Science	2005
Ph.D.	Baghdad	Science	2014

Thesis for MSc. and Ph. D

1- Study the Smoke Density for burned polymers, 2005 .

2- Characterizations of Biodegradable Materials (PLA, PLA Blends, PLA Nanocomposites ,2014

3- (براءة اختراع) تصنيع اغلفة بلاستيكية غذائية قابلة للتحلل من بوليمرات صديقة للبيئة.

Preparation Food Packaging Biodegradable of Plastic Friendly
2015 Environment

Paper published

1- Comparison study of wear and hardness of EP/nano and micro TiO₂ composites, Farah.T. Mohammed Noori , Nadia Abbas Ali and Ekram A. Al ajaj *International Journal of Application or Innovation in Engineering & Management (IJAIEM)* Volume 2, Issue 4, April 2013

2- Effect of nanoSiO₂ additive of some mechanical and water absorption of polyvinyl alcohol/chitosan blends , Nadia Abbas Ali¹, Ekram Atta .AL-Ajaj¹, F.T.Mohammed Noori¹, *IPASJ International Journal of Information Technology (IJIT)* Volume 1, Issue 4, September 2013

3- Effect of Resole resin additives on the hardness and impact strength properties of Epoxy resin, Farah T. Mohammed Noori *, Mohammed K. Jawad**, Nadia Abbas Ali , Department Of Physics , Collage of Science , University of Baghdad, Iraq ,3ed scientific conference, 2009, pp.2181-2184

4- Lower Melting-Point Lead-Free Solder Alloy, Tarik T. Issa , Farah T. Mohamed , Nadia Abbas Ali , University of Baghdad, College of Science , Physics Department, Journal of Kerbala University, Vol.7(3)2009, pp.30-33.

5- The effect of additives metal on the D.C conductivity of epoxy resin , Nadia Abbas Ali , Baghdad Science Journal Vol.8(1)2011.

6-Effect of Nanocomposites TiO₂ addition on the Dielectric Properties of Epoxy , F.T.Mohammed Noori, H.J.Kbashi, N.Abbas Ali, E.A.Al-ajaj , and H.I.Jaffer, *Iraqi Journal of Physics*, 2009 Vol. 7, No.8, PP. 1 – 5

7-The effect of additive carbon nano tube on optical properties of epoxy resin ,

Nadia Abbas Ali , *Iraqi Journal of Physics*, 2012 Vol.10, No.19, PP. 1-8

8- A Study of Wear Rate Epoxy Resin filled with SiO₂ particle and Glass fibers , [Sinaa I.Husaen](#) , [Nadia Abbas Ali](#) , [Harith I. Jaffer](#) Year: 2011 Volume: 8 Issue: 2

9- Effect of carbon nanotube and Zn particles addition on the some mechanical properties and thermal conductivity of unsaturated polyester resin , [N.Abbas Ali](#) --- [S.I.Husaen](#) - [H.I.Jaffer](#) , Year: 2012 Volume: 10 Issue: 18 Pages: 98-104

10- EFFECT OF NANO SiO₂ ON SOME MECHANICAL PROPERTIES OF BIODEGRADABLE POLYLACTIC ACID [International Journal of Mechanical Engineering and Technology \(IJMET\)](#), ISSN 0976 –6340(Print), Nadia Abbas Ali, Ikram Atta AL-Ajaj, Farah Tariq Mohammed Noori

11- Gas Barrier Properties of Biodegradable PolymerNanocomposites Films *Chemistry and Materials Research* ISSN 2224- 3224 (Print) ISSN 2225- 0956 (Online)Vol.6 No.1, 2014 Nadia Abbas Ali1, Farah Tariq Mohammed Noori1

12- Study the mechanical and thermal properties of biodegradable polylacticacid/polyethylene glycol nanocomposites *International Journal of Application or Innovation in Engineering & Management (IJAIEM)* Volume 3, Issue 1, January 2014 ISSN 2319 – 4847, Farah Tariq Mohammed Noori1 and Nadia Abbas Ali

13-Crystallinity, Mechanical, and Antimicrobial properties of Polylactic acid / microcrystallinecellulose /Silver Nanocomposites *International Journal of Application or Innovation in Engineering & Management (IJAIEM)* **Volume 3, Issue 1, January 2014 ISSN 2319 - 4847** Nadia Abbas Ali¹, Farah Tariq Mohammed Noori¹

14-Preparation Polylactic acid by Polycondensation method, Nadia Abbas Ali **Journal of Chemical, Biological and physical sciences** JCBPS; Section B; Nov . 2014 – Jan. 2015, Vol. 5, No. 1; 858-961

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