جامعة الملك سعود (٣٤٠)
هاتف +966 11 467 5150
فاكس +966 11 467 6383

المملكة العربية السعودية
ص.ب ٢٤٥٧ الرياض ١١٤٥١
www.ksu.edu.sa

جامعة الملك سعود
King Saud University
1957

كلية الصيدلة
المختبر المركزي

REQUISTION FORM FOR USE OF TRANSMISSION ELECTRON MICROSCOPE (TEM)

NAME:

DESIGNATION:

ADDRESS:

TEL. / MOBILE NO.: **EMAIL:**

For Office Use Only

Reference No.

DATE: / /

Sample description along with sample code	**1.**				
	2.				
	3.				
	4.				
No. of Samples					
Morphology and size expected					
Sample is	**Magnetic** ☐		**Nonmagnetic** ☐		
Sample is	**Hazardous** ☐		**Nonhazardous** ☐		
Sample is	**Toxic** ☐		**Nontoxic** ☐		
Nature of sample	**Powder** ☐		**Film** ☐	**Disc** ☐	

1. If sample is powder,
   Powder sample will be dispersed in the solvent and after ultarsonication, it will be loaded/drop casted on the TEM grid. The grid will be dried. The representative TEM Images will be taken for that sample.

a) Medium for dispersion:
   Ethanol ☐ Methanol ☐ Water ☐ Isopropyl Alcohol ☐
   If other than the above mentioned solvent then please mention:

b) Ultra-sonication time for Dispersion of powder sample in above mentioned solvent:
   Do you want to follow the same procedure: Yes ☐ No ☐
   If "No" please specify another procedure:

2. Sample other than Powder should be prepared at user end. (Ultra-Microtomy, Ion Milling, polishing etc.)
3. Particle size distribution analysis; can also be done using TEM images. It can be availed by agreeing to include names in the publication (Inside college samples) or by payment (outside college samples).

SIGNATURE **DATE: / /**