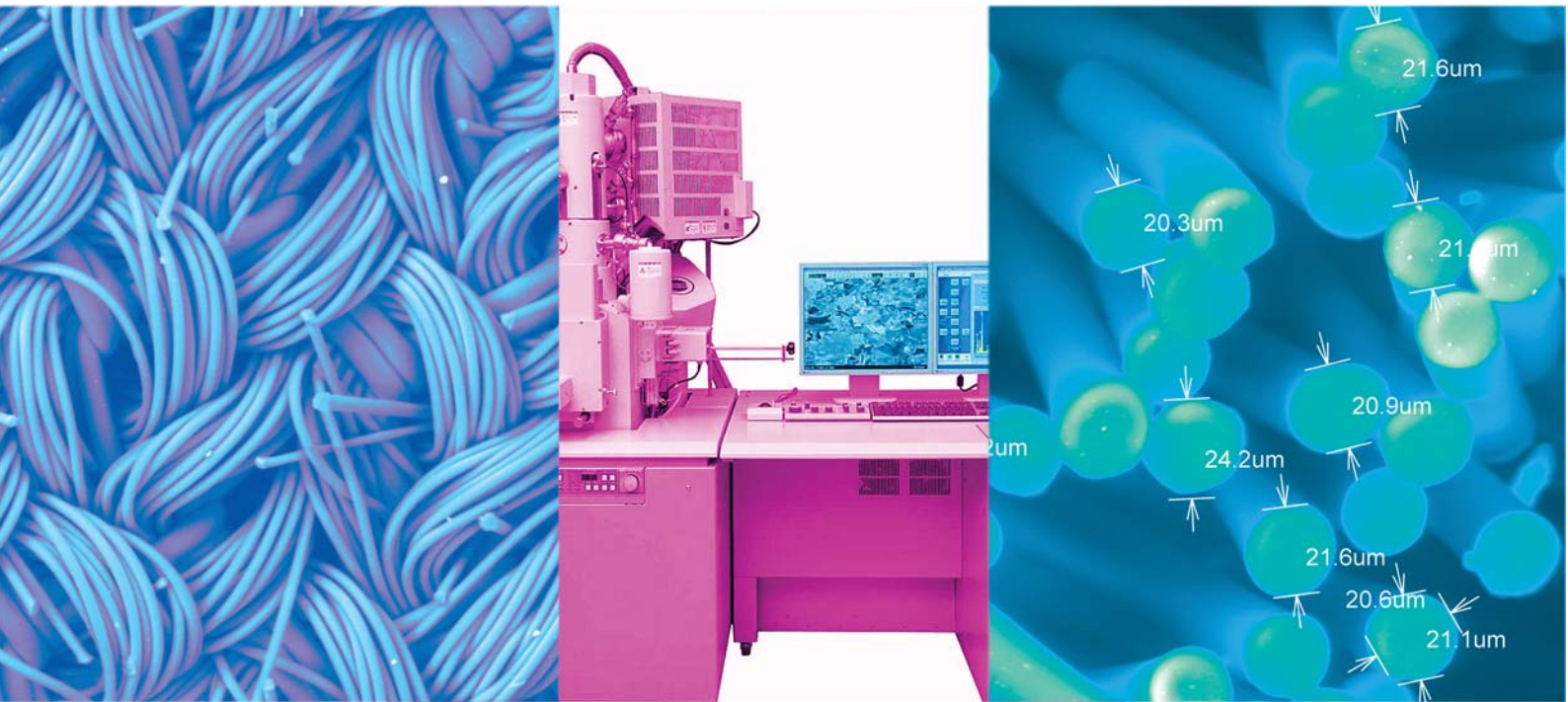


# Analytical Services

# Fee Structure

Sri Lanka Institute of Nanotechnology



	<b>Instrument/ Test</b>	<b>Fee per sample (Rs.)</b>	<b>Test Reference No.</b>
<b>A.</b>	<b>Scanning Electron Microscope (HITACHI SU6600)</b>		
1	Secondary Electron Image only	12,000.00	A/1
2	EDX only	12,000.00	A/2
3	Secondary Electron Image with EDX	20,000.00	A/3
4	Back Scattered Electron Image	12,000.00	A/4
5	Environmental Secondary Electron Image	12,000.00	A/5
6	Cathodo-luminescence Image	12,000.00	A/6
7	Scanning Transmission Electron Microscope Image	12,000.00	A/7
<b>B.</b>	<b>Atomic Force Microscope (PARK System x 100)</b>		
8	True Non-Contact Mode	10,000.00	B/8
9	Contact mode	10,000.00	B/9
10	Lateral Force Microscopy	5,000.00	B/10
11	Force-distance spectroscopy	5,000.00	B/11
12	Scanning Tunneling Microscopy	5,000.00	B/12
13	Magnetic Force Microscopy	5,000.00	B/13
14	Electric Force Microscopy	5,000.00	B/14
15	Nanolitography	5,000.00	B/15
16	Scanning Tunneling Spectroscopy	5,000.00	B/16
17	Scanning Kelvin Microscopy	5,000.00	B/17
18	Enhanced Electric Force Microscopy	5,000.00	B/18
<b>C.</b>	<b>Optical Microscope (OLYMPUS BX51 &amp; BX 61)</b>		
19	Optical microscopic image	1,000.00	C/19
<b>D.</b>	<b>Fourier Transform Infra Red (FTIR) and Raman Spectroscopre)</b>		
20	FTIR only	4,000.00	D/20
21	Raman only	5,000.00	D/21
22	FTIR with Hot Stage	7,000.00	D/22
23	FTIR with Microscopy	9,000.00	D/23
<b>E.</b>	<b>Ultra Violet / Visible Spectrophotometer -( SHIMADZU UV-3600)</b>		
24	Solid State	2,500.00	E/24
25	Liquid state	1,500.00	E/25
<b>F.</b>	<b>Powder X ray diffractometer - (Bruker D8 Focus)</b>		
26	Powder X ray diffractions	6,000.00	F/26
<b>G.</b>	<b>Particle Size Analyzer (0.6nm to 6um)- (Marlven Zetasizer Nano ZS)</b>		
27	Particle Size distribution only	9,000.00	G/27
28	Zeta potential only	9,000.00	G/28
29	Micro Size Particle Analyzer	6,000.00	G/29

	Instrument/ Test	Fee per sample (Rs.)	Test Reference No.
<b>H.</b>	<b>Polymer compounding (Haake PolyLab OS- Rheomix 600)</b>		
30	Laboratory scale internal mixing	3,500.00	H/30
<b>I</b>	<b>Moving die rheometer (EKTRON-2000 S)</b>		
31	Curing properties of rubber	1,500.00	I/31
<b>J.</b>	<b>Tensile tester (Instron Model 3365)</b>		
32	Tensile testing	1,500.00	J/32
33	Tearing testing	1,500.00	J/33
34	hardness testing	1,000.00	J/34
<b>K.</b>	<b>Thermal Gravimetric Analyzer</b>		
35	TGA	7,500.00	K/35
36	DSC	10,000.00	K/36
<b>L.</b>	<b>Radio Frquency Impedence/ material Amnalysis (Agilent E 4991 A)</b>		
37	Impedence	10,000.00	L/36
38	Permittivity	10,000.00	L/37
39	Permeability	10,000.00	L/38
40	Impedence, Permittivity, Permeability with vaied temperature	30,000.00	L/39
<b>M.</b>	<b>Kjeldahl aparatus</b>		
41	Nitrogen analysis	2,000.00	M/40
<b>N.</b>	<b>Flame photometer</b>		
42	Sodium analysis	1,000.00	N/41
43	Potassium analysis	1,000.00	N/42
44	Calcium analysis	1,000.00	N/43
45	Barium analysis	1,000.00	N/44
46	Lithium analysis	1,000.00	N/45
<b>O</b>	<b>DMA</b>		
47	DMA	5,000.00	O/47
<b>P</b>	<b>AAS</b>		Contact: analytical@slintec.lk
<b>Q</b>	<b>BET</b>		Contact: analytical@slintec.lk
<b>R</b>	<b>Spectro Flourometer</b>		
48	Spectro Flourometer	6000.00	R/48
<b>S</b>	<b>Sun Simulator</b>		
49	Sun Simulator	4000.00	S/49