

**"EDUCATION IS
THE MOST
POWERFUL
WEAPON
WHICH YOU
CAN USE TO
CHANGE THE
WORLD."**

Nelson Mandela

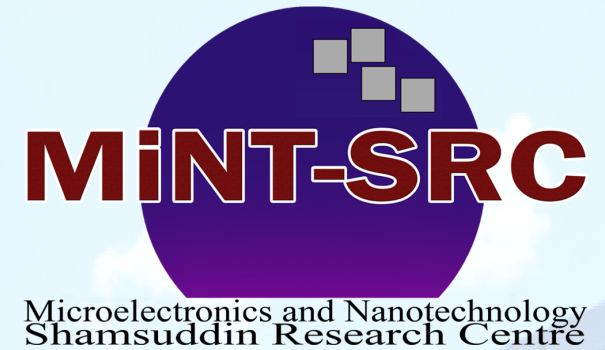
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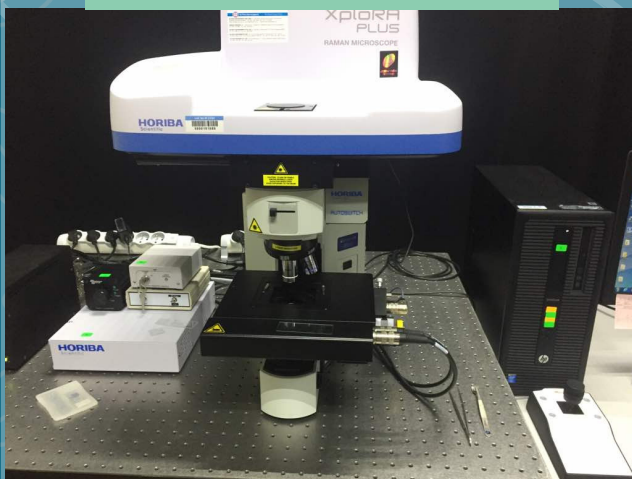
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**Technology
&
Facility**

RAMAN



RAMAN
Spectroscopy is a spectroscopic technique used to observe vibrational, rotational, and other low-frequency modes in a system.

Central Lab

★ Management (F5-002-01) ★



MDM FAEZAHANA
Specialist in atomic force microscope (AFM), Raman spectroscopy and XRD facilities at MiNT-SRC.

FESEM



FESEM is to observe small structures (as small as 1 nanometer until one billion of a millimeter) on the surface of cells and material.

Liquid Crystal and
Nano Devices
Research Laboratory
(F5-002-08)



MR NASRULL
Specialist in Field Emission Scanning Electron Microscope and UV-Vis spectroscopy at MiNT-SRC.

UV/VIS

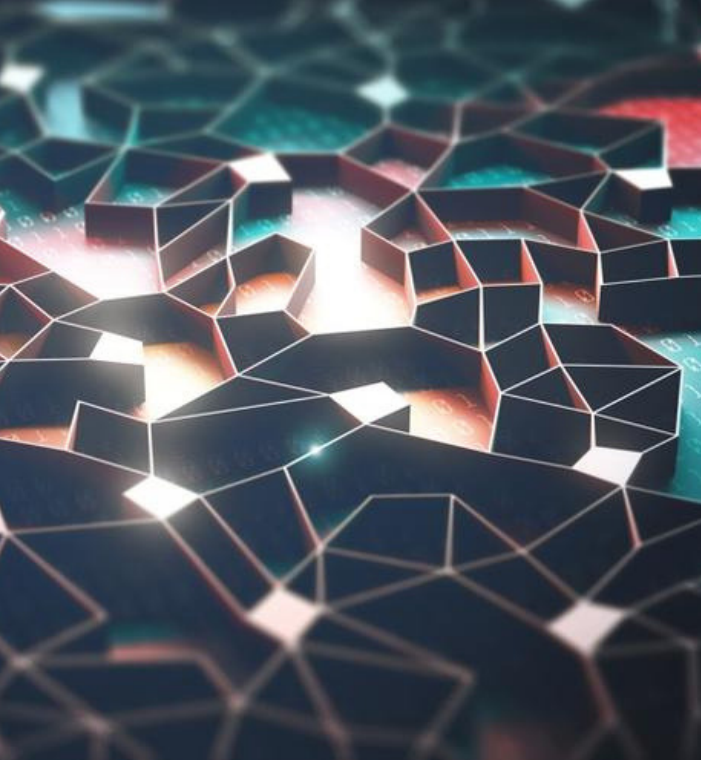


UV/Vis
spectroscopy can be used to determine the concentration of the absorber in a solution.

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MOST PEOPLE
SPEND MORE
TIME AND
ENERGY GOING
AROUND
PROBLEMS
THAN IN TRYING
TO SOLVE THEM.

Henry Ford



FOR ANY INQUIRIES

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VISIT US

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Microelectronics and Nanotechnology
Shamsuddin Research Centre

**TECHNOLOGY
&
FACILITY**



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AFM Contact Mode



AFM (Non contact angle)
Imaging, measuring and
manipulating matter at
the nano scale.

.....
Central Lab Management
(F5-002-01)
.....



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Magnetron Sputtering



Deposit thin films of
various metal and
oxide materials.

.....
Dry Processing Research
Laboratory (F5-002-05)
.....



PM. DR. NAFARIZAL
Expert : Plasma processing
technology, plasma
diagnostic technology,
sputtering deposition.