



**INSTITUTE OF NANO OPTOELECTRONICS
RESEARCH AND TECHNOLOGY (INOR)
UNIVERSITI SAINS MALAYSIA (USM)**

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FABRICATION PROCESS REQUEST FORM

Requestor Name : _____

Contact No. : _____ Email : _____ Date : _____

School/Company : _____

Category : ☐ INOR Staff/Student ☐ Other Dept. : _____

Sample Type : ☐ Powder ☐ Thin Film No. of Sample : _____

Materials : _____

Substrate : _____

Please Tick Appropriate Box

EQUIPMENT

<input type="checkbox"/> 3-Zone Furnace	<input type="checkbox"/> Single Zone Furnace	<input type="checkbox"/> E-Beam Evaporator
<input type="checkbox"/> Metallization	<input type="checkbox"/> Metallization	<input type="checkbox"/> Without source material and crucible
<input type="checkbox"/> Oxidation	<input type="checkbox"/> Oxidation	<input type="checkbox"/> With source material & crucible
<input type="checkbox"/> 3-Zone Furnace with NH₃ Cracker (Nitridation)		<input type="checkbox"/> Inductive Couple Plasma Etching System (ICP)
<input type="checkbox"/> Degas Vacuum System		<input type="checkbox"/> Using Cl & BCl ₃ (e.g. GaN)
<input type="checkbox"/> UV-Ozone Cleaner		<input type="checkbox"/> Other gases except Cl & BCl ₃ (e.g. Si, ITO, ZnO)
<input type="checkbox"/> Glove Box		<input type="checkbox"/> Rapid Thermal Processor System (RTP)
<input type="checkbox"/> Vacuum <input type="checkbox"/> Nitrogen		<input type="checkbox"/> Mask less Lithography [direct write, complete process]
<input type="checkbox"/> Spin Coater		<input type="checkbox"/> Sample with pre-coat PR
<input type="checkbox"/> Hotplate		<input type="checkbox"/> Sample without pre-coat PR
<input type="checkbox"/> Laminar Flow		
<input type="checkbox"/> Fume Hood		

Other information about the sample (e.g. sample stability/temperature) :

Requestor Signature:

Supervisor Approval:

(if Students, need to get the approval from Supervisor)

Remarks:

* Please refer to the analysis/equipment usage charges on INOR website.

** Any incomplete form will not be processed.

*** Quotation will be sent through requestor's email within 3 working days.