



**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UIRL/F/132
Version	1/2023
Effective Date	01/02/2023
Equipment	PECVD
Sample Serial No.	

**MICRO/NANO FABRICATION & MACHINING LABORATORY
SAMPLE SUBMISSION FORM**

General Rules and Requirements:

- All information provided should be true
- Booking will be notified/updated by email
- Booking procedure
 - Complete the application form including valid research vote number
 - Submit the completed application form to UIRL Sample Acceptance Counter
 - Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price**
- Sample Condition & Preparation
 - PPMU has the right to cancel any analysis if the sample is suspected to have a high risk on the safety of the operator or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.**
 - The remaining samples will be disposed of within a month after analysis is completed.**
- All enquiries regarding PECVD should be forwarded to the Science Officer (Mrs Nurnazmin Mohd Nordin, email: nurnazmin@utm.my or Assistant Engineer, Mr Muhammad Sulaiman Muhammad Zain, email: m.sulaiman@utm.my, tel: 07-5557729) or visit our website at ppmu.utm.my.

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant							
Status of Applicant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Undergraduates		Master		PhD		Researcher
Student Matric No.							
Faculty/ Department							
Hand Phone No. & Email							

2. SUPERVISOR DETAILS (for internal applicant and academic institution only)

Name of Supervisor							
Staff ID No.							
Faculty/Department							
Hand Phone No.							
Email							
Mode of Payment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cash		EFT		Log card		Invoice
*Payment using invoice	Research Vot No. (e.g.: Q.J091600.24C3.01D32)						
	Balance of V29000						
Signature & Official Stamp	*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities						

3. SAMPLE INFORMATION

Total No. of Sample / Material							
Recipe Input	Substrate Temp. (°C)		Working Pressure (mTorr)		Process Time (sec)		
	Stable Time (°C)		RF Power (W)		Purge Time (sec)		
	Gases (sccm)						
	HiQ N ₂		Ar		N ₂ O		NH ₃
	GN ₂		SF ₆		SiH ₄		O ₂
	He						
Solvent (ml)	SU-8 2002	SU-8 Developer	KMPR 1035	AZ IPS-6090 PR			
	SU-8 2010	Remover PG	AZ 1505 PR	AZ nLOF 2070 Negative Resist			
	SU-8 2075	AZ 40 XT – 11 D	Isopropanol	Acetone			
	AZ 826 MIF Developer	Technistrip P1316	Ethanol				
Remarks							