

## INSTRUMENTAL ANALYSIS APPLICATION FORM

**ADVANCED MEMBRANE TECHNOLOGY RESEARCH CENTRE (AMTEC)**  
**HIGHER INSTITUTIONS CENTRE OF EXCELLENCE (HICoE)**  
**BLOK N29a, FACULTY OF CHEMICAL & ENERGY ENGINEERING**  
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### A. INSTRUMENT APPLICATION FORM (AMTEC STUDENT & RESEARCHER)

STUDENT NAME : \_\_\_\_\_  
 TEL. NUMBER AND EMAIL : \_\_\_\_\_  
 FACULTY/DEPARTMENT : \_\_\_\_\_  
 TYPE OF PROJECT : PSM / MSC. / PHD / RESEARCH PROJECT / INDUSTRIAL CONSULTANCY  
 PAYMENT METHOD :  LOGCARD  CASH  INVOICE (VOT NO. \_\_\_\_\_)  
 SUPERVISOR NAME : \_\_\_\_\_  
 SUPERVISOR CONTACT NO : \_\_\_\_\_  
 SUPERVISOR EMAIL : \_\_\_\_\_  
 DATE OF FORM SUBMISSION : \_\_\_\_\_

.....  
 Signature of Supervisor/Project Leader and Stamp

Sample Justification	Instrument/Analyzer	(v)	No. of Sample	Price (RM)
<b>Specified Reference(s):</b>	1. THERMAGRAVIMETRIC (TGA)			RM70/sample
	2. DIFFERENTIAL SCANNING CHALORIMETER (DSC)			RM70/sample
	3. IMPEDANCE ANALYSER PROTON CONDUCTIVITY			RM30/sample
	4. ZETA POTENTIAL SURPASS ANALYSER			RM50/sample
	5. ELECTROSPINNING MACHINE			RM100/session
<b>Parameters:</b>	6. UV-VIS SPECTROPHOTOMETER DR4000/DR5000			RM15/sample
	7. UV-VIS SPECTROPHOTOMETER LAMBDA 25			RM15/sample
	8. ATOMIC FORCE MICROSCOPE (AFM)			RM100/sample
	9. FRONTIER TRANSFORM INFRARED (FTIR)			RM50/sample
	10. HIGH TEMPERATURE FURNACE (ABOVE 1400°C)			RM100/session
<b>Remarks:</b>	11. HIGH TEMPERATURE FURNACE (1400°C & BELOW)			RM30/session
	12. SPUTTER COATER			RM20/sample
	13. DMFC ANALYSER			RM30/sample
	14. MICRO GAS CHROMATOGRAPHY (MICRO GC)			RM100/sample
	15. HOLLOW FIBER SPINNING SYSTEM			RM100/session
	16. FLAT SHEET MEMBRANE CASTING SYSTEM			FOC
	17. ULTRAFILTRATION/NANOFILTRATION SYSTEM			FOC
	18. REVERSE OSMOSIS SEPARATION SYSTEM			FOC
	19. GAS SEPARATION SYSTEM			FOC
	20. SCANNING ELECTRON MICROSCOPE (SEM)			RM70/sample
<input type="checkbox"/> <b>FASTLANE ANALYSIS</b>  *Additional 50% fee will be charges for Fastlane Analysis. Term and condition applied*  <b>TOTAL ANALYSIS PRICE</b> = _____ <b>FASTLANE ANALYSIS SURCHARGE</b> = _____ <b>TOTAL</b> = _____	21. ENERGY DISPERSIVE X-RAY ANALYSIS (EDX)			RM100/sample
	22. TOTAL ORGANIC CARBON ANALYZER			RM50/sample
	23. CONTACT ANGLE			RM10/sample
	24. HPLC (UV-DETECTOR)			RM30/sample
	25. HPLC (RI DETECTOR)			RM30/sample
	26. MERCURY POROSIMETRY			RM200/sample
	27. TRISTAR II (BET)			RM100/sample
	28. TRISTAR II (BET+FULL ISOTHERM )			RM120/sample
	29. LIQUID ENTRY PRESSURE			RM50/session
	30. 3 POINT BENDING MACHINE			RM20/sample

	31. ATOMIC ABSORPTION SPECTROSCOPY (FLAME)			RM20/sample
	32. ATOMIC ABSORPTION SPECTROSCOPY (HIGH TEMPERATURE FLAME)			RM30/sample
	33. ATOMIC ABSORPTION SPECTROSCOPY (GRAPHITE)			RM30/sample

**Note:**  
 1. Please fill the work justification/project above.  
 2. Please tick (/) the instrument selection and number of sample(s) to be analyzed.

**B. FOR LAB MANAGEMENT APPROVAL AND CONFIRMATION PURPOSES**

Instrument Instructor : .....

Date of Analysis : .....

.....  
 Research Officer/Assistant Engineer Signature & Stamp

Contact No. : .....

Name : .....

Date : .....

**C. APPROVAL**

Confirmed/Approved by Director/Manager :

.....

Name : .....

Date : .....

**D. ANALYSIS SUMMARY**

Total sample(s) Analyzed : .....

Analysis Report Deliver To : .....

Analysis Report Delivery Date : .....

Remark : \_\_\_\_\_  
 \_\_\_\_\_

For More Information regarding analysis, machine availability, promotion and future event, follow our WhatsApp channel



For cash payment, please scan this code.

