

GOVERNMENT ENGINEERING COLLEGE, KOZHIKODE

Sl.No.	Name of Item	Specification	Quantity	Remarks
1	SOLID-LIQUID EXTRACTION (PACKED BED TYPE)	Extraction column- Material Borosilicate glass solvent flow measurement : Rotameter Solvent Tank-Made of stainless steel, Capacity 30Ltrs. Double wall Solvent Circulation: magnetic pump made of polypropylene to circulate solvent. Heater: Nichrome wire heater Temperature sensor: RTD PT-100 type The whole set up is ingeniously designed and schematically arranged on a powder-coated rigid structure	1	
2	VAPOUR IN AIR DIFFUSION APPARATUS	The diffusion vessel is of high quality borosilicate glass with a T type diffusion tube engraved in mm scale for level readings. The vessel is mounted over a magnetic stirrer cum hot plate of superior quality provided with controls for vary the temperature and RPM to calculate the rate of diffusion at different temperatures The air flow steam is generated using mini-air pump Electric supply provide 230/-10VAC 50HZ single phase electric supply with proper earthing 5A three pin socket with switch for compressor chemicals for Acetone / Carbon tetra chloride	1	

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