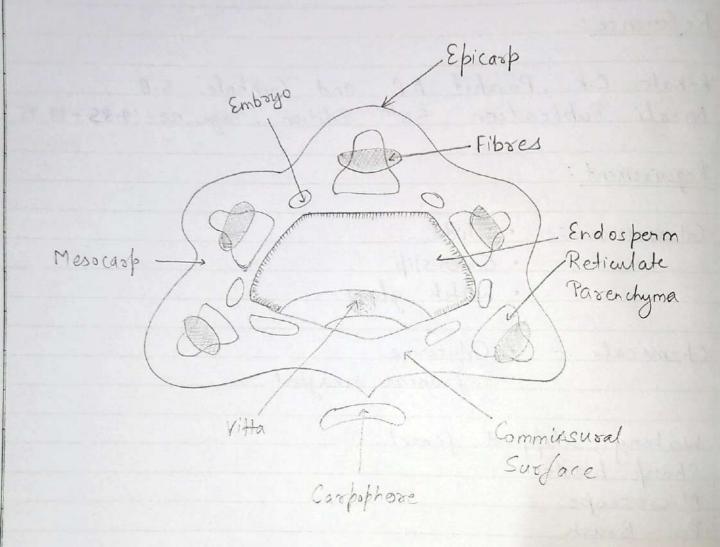
		Date
Expt	. No04	Page No15
	Aim:-	
	To perform transverse section (t.s.) cu microscopical study of fennel.	tting and
	Reference:	
	Kokate C.K., Purohit A.P. and Grokhale. Nivali Publication, 56th Edition, Page	S.B., . no-14:43-14.95.
	Requirement:	
•	Glassware: - · Slide  · Coverslip  · Watch glass.	
	Chemicals: - • Glycerine • Safranine reagent.	
	Watery dipped fennel. Sharp blade	
•	Microscope Pen Brush	
	Theory:	
7	Synonyms: - Fennel fruits, Fruches Joenic	culum.
	Teacher's Signature _	



T.S. of Mericarp of fennel.

	Date
Expt. No04	Page No. 16
* Biological Source: - It con of the plant known as obtained by cultivation.	sists of dried ripe fruits Foeniculum vulgare Millar,
* Geographical Source:- I Romania, Russia, German In India, it is cultiva Maharashtra, Rajasthan. West Bengal.	ted in Quianat Puniah.
+ Cultivation and Collection	<u>v:-</u>
Fennel is cultivated by For good germination it s Four to five seeds are at a distance of 25 cm of the fennel production Fruits are separated	but, at a time, in holes in between them. 90%
Macroscopic Characters:	
Colowr: Greenish to go Odowr: Sweet aromo Taste: Strongly. aron Size: 5-10 x 2-4 mm Shape: Straight or	natic.
	Teacher's Signature

		Date
Exp	t. No	Page No. 12
7	Usage: - + Flavouring agent  - + Carminative agent  - + Expectorant  - + Stimulant  - + Anthelmintic agent.  Procedure:	
>	Procedure:  Takeo a fernel which was dipped in overnight, or boiled at normal temperate 30 minutes so that the fernel may and then easy to cutting.	n water for twore for about become soft
7	After dipping the fernel select 2-3 of fernel and place it on the wa	
*	Then take a new and sharp blade. the starting and end part of the	and culting fennel.
7	Cutting a thin section of fennel and into watch glass containing plain N	afor.
7	Transfer the section into the watch containing safronine reagent and a to stand for about . 2-3 minute.	glass Llow it
>	Again transfer it into another water containing plain water to clean the of stain.	
	Teacher's Signature	

		Date
Expt.	No 04	Page No18
<b>*</b>	Now place the section on the glass so add 2-3 drop of glycerine to prevent of the section.	lide and daying
	Now cover the slide with a coverslip observe under the microscope with and 10 x objective lens.	10x optical
7	Draw the diagram that are observe the microscope.	red under
	Result:	
	The Transverse section cutting and study of fernal successfully perfor	microscopical med.
	Teacher's Signature	

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