LIST OF FIGURES

Figure No.	Title	Page no.
2.1	Estimated global edible oil consumption based on world population growth	2.4
2.2.1	Dramatic rise India's average consumption of edible oil	2.7
2.2.2	Per capita consumption of edible oils (2009-10)	2.7
2.2.3	Domestic consumption trend	2.8
2.2.4	Edible oil production and consumption (1997 through 2011)	2.9
2.4.1	Stages of health, nutritional and demographic change	2.12
2.4.2	Mechanisms to the globalization and diet nexus	2.14
2.4.3	The drivers and consequences of food consumption changes with economic development	2.15
2.5.1	Postprandial oxidative stress and its relation to atherosclerosis and diabetes	2.18
2.5.2	Main changes and effects reported for dietary oxidized lipids in the gastrointestinal tract	2.20
2.5.2.1	The influences on food purchases: consumer and marketing approach	2.23
2.9.1.4	Structure of the cross section of a typical fried food product	2.35
2.9.2.6	Frying oil quality curve showing the five phases that frying oil passes through during the degradation process	2.38
2.9.3.1	Scheme of the influence of the deep-frying process	2.40
2.9.3.2	Changes in volatile and nonvolatile decomposition products during the frying process	2.41
2.9.3.1.1	An overview of fat aging	2.43
2.9.3.1.2	Schematic diagram of hydrolysis	2.46
2.9.3.1.3	Schematic diagram of thermal alterations	2.48
2.9.3.4	Trans (left) and cis (right) geometrical configuration	2.51
4.2.1	Experimental design for phase II	4.6
4.3.1	Experimental design for phase III	4.10
5.1.2.1	Body mass index classification of Gujarati housewives according to Asia Pacific Classification	5.5
5.1.2.2	Prevalence of non-communicable diseases and GI problems in Gujarati housewives of urban Vadodara	5.5
5.1.3.1	Food habits of Gujarati housewives	5.7
5.1.3.2	Frequency of cooking methods used for preparing a meal	5.8
5.1.6.1	Eating out frequency of Gujarati housewives in parties/restaurants	5.13
5.1.6.2	Most preferred food while eating outside	5.14
5.1.6.3	Type of food preferred during long distance travelling	5.15
5.1.8	Practices of housewives for storing fried oil	5.19

5.1.10 Changes observed in fresh oil upon frying 5.20 5.1.11.1 Knowledge on oil blends 5.21 5.1.11.2 Knowledge on trans fats of Gujarati housewives 5.22 5.2.1.1 Mean sensory scores for appearance, color, crispness and greasiness of french fries fried in CSO and GNO at intermittent intervals 5.32 5.2.1.2 Mean sensory scores for flavor of french fries fried in CSO and GNO at intermittent intervals 5.36 5.2.1.3 Mean sensory scores for odor of french fries fried in CSO and GNO at intermittent intervals 5.36 5.2.1.4 Mean sensory scores for odor of french fries fried in CSO and GNO at intermittent intervals 5.37 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.37 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.39 5.2.2.1 Mean sensory scores for obrajias fried in CSO and GNO at intermittent intervals 5.39 5.2.2.2 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.42 5.2.2.3 Mean sensory scores for davor of bhajias fried in CSO and GNO at intermittent intervals 5.43 5.2.2.5 Mean sensory scores for odor of bhajias fried in CSO and GNO at int			
5.1.11.2 Knowledge on trans fats of Gujarati housewives 5.22 5.2.1.1 Mean sensory scores for appearance, color, crispness and greasiness of french fries fried in CSO and GNO at intermittent intervals 5.32 5.2.1.2 Mean sensory scores for flavor of french fries fried in CSO and GNO at intermittent intervals 5.35 5.2.1.3 Mean sensory scores for taste of french fries fried in CSO and GNO at intermittent intervals 5.36 5.2.1.4 Mean sensory scores for odor of french fries fried in CSO and GNO at intermittent intervals 5.36 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.37 5.2.2.1 Mean sensory scores for appearance of bhajias fried in CSO and GNO at intermittent intervals 5.39 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.42 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.43 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.43 5.2.2.5 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.44 5.2.2.6 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.45	5.1.10	Changes observed in fresh oil upon frying	5.20
5.2.1.1 Mean sensory scores for appearance, color, crispness and greasiness of french fries fried in CSO and GNO at intermittent intervals 5.2.1.2 Mean sensory scores for flavor of french fries fried in CSO and GNO at intermittent intervals 5.2.1.3 Mean sensory scores for taste of french fries fried in CSO and GNO at intermittent intervals 5.2.1.4 Mean sensory scores for taste of french fries fried in CSO and GNO at intermittent intervals 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.2.1.1 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.2.2.1 Mean sensory scores for appearance of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for dor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in	5.1.11.1	Knowledge on oil blends	5.21
and greasiness of french fries fried in CSO and GNO at intermittent intervals 5.2.1.2 Mean sensory scores for flavor of french fries fried in CSO and GNO at intermittent intervals 5.2.1.3 Mean sensory scores for taste of french fries fried in CSO and GNO at intermittent intervals 5.2.1.4 Mean sensory scores for odor of french fries fried in CSO and GNO at intermittent intervals 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.2.2.1 Mean sensory scores for oppearance of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.9 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of bhajias 5.61	5.1.11.2	Knowledge on trans fats of Gujarati housewives	5.22
CSO and GNO at intermittent intervals 5.2.1.3 Mean sensory scores for taste of french fries fried in CSO and GNO at intermittent intervals 5.2.1.4 Mean sensory scores for odor of french fries fried in CSO and GNO at intermittent intervals 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.2.2.1 Mean sensory scores for appearance of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of bhajias 5.61	5.2.1.1	and greasiness of french fries fried in CSO and GNO	5.32
CSO and GNO at intermittent intervals 5.2.1.4 Mean sensory scores for odor of french fries fried in CSO and GNO at intermittent intervals 5.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.2.2.1 Mean sensory scores for appearance of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of bhajias 5.61	5.2.1.2	CSO and GNO at intermittent intervals	
S.2.1.5 Mean sensory scores for overall acceptability of french fries fried in CSO and GNO at intermittent intervals 5.2.2.1 Mean sensory scores for appearance of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 8.5.1 Rise in average temperature during frying of bhajias 5.61	5.2.1.3		5.36
french fries fried in CSO and GNO at intermittent intervals 5.2.2.1 Mean sensory scores for appearance of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 8.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.1.4	•	5.36
in CSO and GNO at intermittent intervals 5.2.2.2 Mean sensory scores for color of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.1.5	french fries fried in CSO and GNO at intermittent	5.37 .
and GNO at intermittent intervals 5.2.2.3 Mean sensory scores for crispness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.2.1	* * * * * * * * * * * * * * * * * * * *	5.39
CSO and GNO at intermittent intervals 5.2.2.4 Mean sensory scores for greasiness of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.2.2	· · · · · · · · · · · · · · · · · · ·	5.39
CSO and GNO at intermittent intervals 5.2.2.5 Mean sensory scores for flavor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.43	5.2.2.3	- · · · · · · · · · · · · · · · · · · ·	5.42
and GNO at intermittent intervals 5.2.2.6 Mean sensory scores for taste of bhajias fried in CSO 5.44 and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 6.3.2 Rise in average temperature during frying of bhajias 5.44 Sanda GNO 5.45 Sand GNO 5.46 Sand GNO 5.47 Sanda GNO 5.48 Sanda GNO 5.49 Sanda GNO 5.49 Sanda GNO 5.50 Sanda GNO 5.61 Sanda GNO 5.62 Sanda GNO 5.63 Sanda GNO 5.64 Sanda GNO 5.65 Sanda GNO 5.66 Sanda GNO 5.67 Sanda GNO 5.68 Sanda GNO 5.69 Sanda GNO 5.60 Sanda GNO 5.61 Sanda GNO 5.62 Sanda GNO 5.63 Sanda GNO 5.64 Sanda GNO 5.65 Sanda GNO 5.66 Sanda GNO 5.67 Sanda GNO 5.68 Sanda GNO 5.69 Sanda GNO 5.60 Sanda GNO 5.60 Sanda GNO 5.61 Sanda GNO 5.61 Sanda GNO 5.61 Sanda GNO 5.62 Sanda GNO 5.63 Sanda GNO 5.64 Sanda GNO 5.65 Sanda GNO 5.66 Sanda GNO 5.67 Sanda GNO 5.67 Sanda GNO 5.68 Sanda GNO 5.69 Sanda GNO 5.60 Sanda	5.2.2.4	,	5.43
and GNO at intermittent intervals 5.2.2.7 Mean sensory scores for odor of bhajias fried in CSO and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.45	5.2.2.5		5.43
and GNO at intermittent intervals 5.2.2.8 Mean sensory scores for overall acceptability of bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.45	5.2.2.6		5.44
bhajias fried in CSO and GNO at intermittent intervals 5.2.3.1 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.47	5.2.2.7	· · · · · · · · · · · · · · · · · · ·	5.45
non coated potatoes fried in CSO at intermittent intervals 5.2.3.2 Comparison of sensory mean scores of coated and non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.48 5.48 5.49 6.49 6.50 6.51 6.51	5.2.2.8	bhajias fried in CSO and GNO at intermittent	5.45
non coated potatoes fried in CSO at intermittent intervals 5.2.3.3 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.3.1	non coated potatoes fried in CSO at intermittent	5.47
non coated potatoes fried in GNO at intermittent intervals 5.2.3.4 Comparison of sensory mean scores of coated and non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.3.2	non coated potatoes fried in CSO at intermittent	5.48
non coated potatoes fried in GNO at intermittent intervals 5.3.1 Rise in average temperature during frying of french fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.3.3	non coated potatoes fried in GNO at intermittent	5.49
fries in CSO and GNO 5.3.2 Rise in average temperature during frying of bhajias 5.61	5.2.3.4	non coated potatoes fried in GNO at intermittent	5.50
	5.3.1		5.61
	5.3.2		5.61

5.3.1.1	Peroxide value of CSO and GNO at intermittent frying intervals	5.62
5.3.1.2	Relation between peroxide value and duration of frying	5.63
5.3.1.3	p-anisidine value of CSO and GNO at intermittent frying intervals	5.64
5.3.1.4	Relation between p-anisidine value and duration of frying	5.64
5.3.1.5	Relation between Iodine value and duration of frying	5.66
5.3.1.6	Relation between acid value and duration of frying	5.68
5.3.1.7	Total polar components (%) at intermittent frying intervals	5.69
5.3.1.8	Relation between Total polar components and duration of frying	5.69
5.3.1.9	Refractive index of GNO and CSO at intermittent frying intervals	5.73
5.3.1.10	Relation between refractive index and duration of frying	5.73
5.3.2.1	Peroxide value of GNO and CSO at intermittent frying intervals	5.75
5.3.2.2	Relation between peroxide value and duration of frying	5.76
5.3.2.3	p-anisidine value of GNO and CSO at different frying intervals	5.77
5.3.2.4	Relation between p-anisidine value and duration of frying	5.77
5.3.2.5	Relation between iodine value and duration of frying	5.79
5.3.2.6	Relation between acid value and duration of frying	5.80
5.3.2.6	Total polar components (TPC) (%) of GNO and CSO at intermittent frying intervals	5.81
5.3.2.7	Relation between total polar components and duration of frying	5.81
5.3.2.8	Refractive index of GNO and CSO at intermittent frying intervals	5.85
5.3.2.9	Relation between refractive index and duration of frying	5.85
5.4.1	Hierarchy of Jan aahar kitchen staff	5.102
~		
5.5.1	Brochure on oils and fats in English and Hindi	5.120