

क का नाम Dr. Alka Jain विषय Advance Nut.

माह	कक्षा एवं विषय	अध्यापन योजना	
	<u>Paper I</u>	<u>Advanced Nutrition</u>	M.Sc. H.Sc. III rd sem.
July	Food & Nut. III rd sem.	Energy. - metabolism.	kg
		B.m.R.	
Aug.		methods of measurement of B.m.R.	nic
		Lipid. classification, Digestion. Absorption, transport, fatty acids. Trans fats.	critic
sept.		Carbohydrate: Types classification, Digestion, transport, glycaemic Index, Sweeteners.	Y
		Proteins: - classification, Digestion, absorption, transport, protein Quality, methods of Evaluation. The application.	up ment
October		Water Regulation	betes
Nov.		minerals. macro. & micro.	ng
Dec.		Trace elements.	o
		vitamins. - fat soluble. & water soluble.	ent
	<u>Paper II</u>	<u>Nut. Biochemistry.</u>	bing.
July		Importance & Int. of Biochemistry.	ent.
Aug.		Heteropoly saccharide. Def, classification, structure. properties. CHO metabolism.	&
sept		CHO metabolism: Sept. Plasma Protein.	97
		Nucleo Protein.	t.
Oct.		Protein Biosynthesis.	

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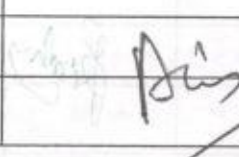
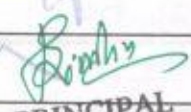
शिक्षक का नाम Dr. Alka Jain विषय Nutrition

माह	कक्षा एवं विषय	अध्यापन योजना
16.7.16	Nov.	Harmones
18.7.16	B.M.R	Minerals
19.7.16	Methods of nutrition	...
	Dec	Detoxification
		Major alteration in metabolism
		Diabetes; Heart Dis
	Feb	...
	Nutrition	...
July 16		Role of women in national development
Aug		Women in Family & Community, Demographic changes, Fertility morbidity, mortality
		Life Expectancy, sex ratio, ageing.
		Women in Society, women's Role, their reason & contribution to family & effect on Nutrition Status.
Sept.		Women & Health, Health facilities, Disease pattern, reproductive health, policies & Prog. for promoting maternal & child health.
Oct		Family Planning

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शिक्षक का नाम Dr. Alka Jain विषय Nut for Health of Women & children

माह	कक्षा एवं विषय	अध्यापन योजना
Oct.		methods of family planning, merits & Demerits
		Imp. of Nutrition prior to & During pregnancy
		Effect of undernutrition
Nov.		Physiology & Endocrinology of pregnancy, Embryo & foetal growth & Development. Nutritional Requirement: Pregnancy viz T.B, Diabetes. Lactation. Effect of Breast Feeding on maternal health. Human milk Composition. Lactation & management. Complete Breast feeding. Infancy. growth development in Childhood, adolescents. Feeding of Infant & children & Dietary management. malnutrition: Etiology & management.
Dec.		

Alka Jain



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 Govt. Rajmohini Devi
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शिक्षक का नाम Dr. Alka Jain विषय Nutrition (Physiology)

माह	कक्षा एवं विषय	अध्यापन योजना
	M.Sc. H.Sc. 1st semester I	M.Sc. annual batch
	<u>Paper I Physiology</u>	
July	M.Sc. Food & Nutrition Physiology	Cell
Aug		cell structure & function
		Nervous System
sept.		Endocrine system
		sense organs
oct.		Digestive system
		Respiratory system
		Circulatory system
		Blood formation
		Musculo skeletal system
Dec		Excretory system
		Immunity system
	physiology in pregnancy	

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शिक्षक का नाम Dr. Alka Jain विषय Food Micro Bio
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माह	कक्षा एवं विषय	अध्यापन योजना
	M.Sc. H.S.C.I	Food Microbiology.
July.		Int. to food Microbiology.
Aug.		Bacterial Morphology, Structure, Staining, culture media, identification of Bacteria. growth & Nut. of Bact. Intrinsic & Extrinsic parameters that affect microbial growth.
Sept.		microorganism important in food microbiology. mold, yeast, bacteria. spoilage in different groups of foods. Cereal, & cereal Product, vegetables, fruits, fish & meat, Eggs & poultry, milk & milk products, Canned foods.
Oct.		contamination of foods. Food Preservation. methods of food Preservation. Food in relation to disease.
Nov.		Fermented food.
Dec.		Indices of food sanitary quality. Anti microbial therapy. Food laws

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