

# Indira Gandhi National Open University

## Regional Centre, Bhopal

### Counseling schedule for practical course of PGDFSQM/ MSCFSQM

(If learner left the course after 1 year then PGDFSQM degree will be awarded as per NEP)

Venue: Choksi Laboratories Limited Survey No. 9/1, Balaji Tulsiyana Indl. Estate, Kumedli, Indore, Madhya Pradesh 452010

Course: MVPL-002

Course Title: Chemical analysis and Quality assurance

Sr. No.	Date	Time (Morning & Evening)	Experiment	Academic Counselor
1	25/08/2025	09:00am-01:00pm	1. Orientation to practical counselling. Calibration of glassware.	Dr. Manish Kumar Singhal
2	25/08/2025	02:00pm-06:00pm	2. Preparation of standard volumetric solutions.	Dr. Abhinav Singh
3	26/08/2025	09:00am-01:00pm	3. Moisture in food product by hot air oven drying method. pH of food products by using pH meter	Dr. Manish Kumar Singhal
4	26/08/2025	02:00pm-06:00pm	4. Crude fat in food products by soxhlet extraction method.	Dr. Abhinav Singh
5	27/08/2025	09:00am-01:00pm	5. Specific gravity of oils and fats. Peroxide value of oil and fats.	Dr. Manish Kumar Singhal
6	27/08/2025	02:00pm-06:00pm	6. Iodine value in oils and fat. Saponification value in oil and fats.	Dr. Abhinav Singh
7	28/08/2025	09:00am-01:00pm	7. Total ash content in food products.	Dr. Manish Kumar Singhal
8	28/08/2025	02:00pm-06:00pm	8. Acid insoluble ash in food products.	Dr. Abhinav Singh
9	29/08/2025	09:00am-01:00pm	9. Starch in cereal grains by acid hydrolysis method.	Dr. Manish Kumar Singhal
10	29/08/2025	02:00pm-06:00pm	10. Determination of crude fibre in food sample.	Dr. Abhinav Singh
			11. Determination of Protein content in Food products by Kjeldhal method, Digestion	Dr. Manish Kumar Singhal
			12. Determination of Protein content in Food products by Kjeldhal method. Distillation.	Dr. Abhinav Singh
			13. Sensory evaluation laboratory. Selection of Sensory panelists.	Dr. Manish Kumar Singhal
			14. Sensory evaluation of Food products-Hedonic Rating Test.	Dr. Abhinav Singh
			15. Volatile oil in spices.	Dr. Manish Kumar Singhal
			16. Refractive index of oils and fats. Judging of milk.	Dr. Abhinav Singh
			17. Determination of Saponification value in oil and fats.	Dr. Manish Kumar Singhal
			18. Determination of Free fatty acids and acid value in oil.	Dr. Abhinav Singh
			19. Determination of Gluten content in wheat flour. Unguided experiment.	Dr. Abhinav Singh

Sd.  
Dr. Himika Choksi  
Programme In-charge  
IGNOU Study Centre (15201P)

Dr. Smriti Gargava  
Deputy Director  
Regional Centre, Bhopal

Dr. U.C. Pandey  
Senior Regional Director  
Regional Centre, Bhopal

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Venue: Cholest Laboratories Limited Survey No. 9/1, Bataji Talwara Indl. Estate, Kumedh, Indore, Madhya Pradesh 452010

**Course: MVPL-001**

**Course Title: Food Microbiology**

Sr. No.	Date	Time (Morning & Evening)	Name of experiment	Academic Counselor
1	30/08/2025	09:00am-01:00pm	Introduction to the basic microbiology laboratory practices Cleaning and methods of sterilization Cultivation and sub culturing of microbes Staining Techniques Standard plate count method Direct microscopic examination of foods Enumeration of fungi (yeast and molds) Assessment of air using surface impingement method Detection of Coliforms and indicator organism 1)Most probable number Interpretation of microbiological data and its inferences Unguided Experiment	Dr. Manish Kumar Singhal
2	30/08/2025	02:00pm-06:00pm		Dr. Abhinav Singh
3	01/09/2025	09:00am-01:00pm		Dr. Manish Kumar Singhal
4	01/09/2025	02:00pm-06:00pm		Dr. Abhinav Singh
5	02/09/2025	09:00am-01:00pm	Interpretation of microbiological data and its inferences Unguided Experiment	Dr. Manish Kumar Singhal
6	02/09/2025	02:00pm-06:00pm		Dr. Abhinav Singh
7	03/09/2025	09:00am-01:00pm		Dr. Manish Kumar Singhal
8	03/09/2025	02:00pm-06:00pm		Dr. Abhinav Singh

### PRACTICAL EXAM AND VIVA

Date: 04<sup>th</sup> September 2025

1	MVPL-001 on 11:00am to 12:00pm,	
2	MVPL-002 on 12:00pm to 01:00pm	
3	MVPL-001 on 01:00pm to 02:00pm	

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