



ICAR-Central institute for Research on Goats, Makhdoom Mathura UP



**List of equipment /facilities available for other institutions**

Name of equipment/facility	Make of equipment	Analysis/parameters	Type of sample required	cost per sample/measurement ( rupees) *	Contact person/scientist phone number and e mail
GC-MS/MS	Schimadzu	Pesticide residue analysis	Meat/milk/food/feed	3000/compound	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
		Phytochemical screening	Herbal extract	500/Sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
Gas chromatography	Thermo	Fatty acid analysis	fat/milk/meat/feed	500/Run	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
ICP-MS	Perkin Elmer	Mineral Profiling	Meat/milk/feed	500/element	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
Bomb calorimeter	Parr	Gross energy	Meat/milk//feed	300/sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
Moisture analyser	CEM	Moisture/total solid	Meat/milk//feed	150/sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
Sprint protein analyser	CEM	True protein	Meat/milk//feed	500/sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
Texture analyser	Stable micro system	Texture Profile analysis	Meat and milk products	1000/sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
Colour analyzer	Color Tec	Hunter colour parameters	Meat and milk products	500/sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
TEMPO	Biomerieux	Total plate counts, yeast and mould, coliforms, E. coli	Meat/milk	1000/sample	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844
VIDAS Pathogen monitoring system	Biomerieux	Salmonella, Listeria, Staphylococcus enterotoxin, Verotoxic E. coli	Meat/milk	1500/Pathogen	<a href="mailto:rvvet@rediffmail.com">rvvet@rediffmail.com</a> 0565-2763844

Phase contrast microscope with fluorescent & Photography	Nikon	Semen evaluation parameters	Semen	100 /sample	Dr. Ravi Ranjan 9897794493, <a href="mailto:drraviranjan@gmail.com">drraviranjan@gmail.com</a>
Muffle Furnace	SNOL	Total ash, acid insoluble ash	Feed and fodder	100/sample	ubchaudhary1958@gmail.com, Mobile 9411964676
Microprocessor Flame photometer	Esico	Mineral estimation (Ca, Na, K)	Feed and milk	100/sample	ubchaudhary1958@gmail.com, Mobile 9411964676
Gas chromatography	Perkin Elmer	Volatile fatty acid ( VFAs)	Rumen fluid	250/sample	ubchaudhary1958@gmail.com, Mobile 9411964676
HPLC system with fraction collector	Waters	Analytical HPLC and Chromatogram	Sample with standard /marker	600/sample	Dr Ashok Kumar akumar63@gmail .com Mobile : 9412826657
Automated blood analyser	MS France	Three part blood analysis ( 28 parameters)	Goat blood in K EDTA	80/sample	Dr Ashok Kumar akumar63@gmail .com Mobile : 9412826657
Microscope with image analysis system	Nikon	Histopathology analysis and photo documentation	Prepared histopathology slide	2000/hour	Dr R V S Pawaiya <a href="mailto:rvspawaiya@gmail.com">rvspawaiya@gmail.com</a> 9410844980
Real- time PCR	Bio Rad	Brucellosis diagnosis in goat by Taqman probe	Tissue /swab from aborted animal/fetus in Ice	200/ sample	Dr K Gururaj , <a href="mailto:guruvet@gmail.com">guruvet@gmail.com</a> 9719544178
Real- time PCR	Roche	Gene expression	c DNA sample	9000/ 96 well	Dr P K Rout / Dr. M.S.Dige <a href="mailto:rout_ctc@hotmail.com">rout_ctc@hotmail.com</a> 9412826676

1. Interested person may contact to concerned scientist prior to submission of sample or may write to Prioritization, monitoring and evaluation cell of the institute ( [pmecirg@gmail.com](mailto:pmecirg@gmail.com))
2. \*Rates /cost of analysis will be finalized case to case.  
( PME cell)