SCHEME OF STUDIES OF THE DEPARTMENT OF FARM MACHINERY AND POWER FOR M.SC. (HONS.) AGRICULTURAL ENGINEERING (TWO YEARS DEGREE PROGRAM)

Before 2022-2023			2022-2023 Onward		
Existing			**Revised**		
Course No.	**Course Title**	**Credit Hours**	**Course No.**	**Course Title**	**Credit Hours**
FMP-701	Advanced Power and Machinery	3(2-1)	FMP-701	Advanced Power and Machinery	3(2-1)
FMP-702	Experimental Stress Analysis	3(2-1)	FMP-702	Precision Agriculture	3(2-1)
FMP-703	Tillage and Traction Dynamics	3(2-1)	FMP-703	Tillage and Traction Dynamics	3(2-1)
FMP-704	Harvesting Machinery	3(2-1)	FMP-704	Harvesting Machinery	3(2-1)
FMP-705	Instrumentation and Machine Automation	3(2-1)	FMP-705	Instrumentation and Machine Automation	3(2-1)
FMP-706	Similitude in Engineering	3(2-1)	FMP-706	Artificial Intelligence in Engineering Systems	3(2-1)
FMP-707	Theory of Manufacturing Processes	3(2-1)	FMP-707	Theory of Manufacturing Processes	3(2-1)
FMP-708	Hydraulic Control Systems	3(2-1)	FMP-708	Hydraulic Control Systems	3(2-1)
FMP-709	Operations Research	3(2-1)	FMP-709	Operations Research	3(2-1)
FMP-710	Farm Machinery and Environment	3(2-1)	FMP-710	Farm Machinery and Environment	3(2-1)
FMP-711	Computer Modeling of Engineering Systems	3(2-1)	FMP-711	Computer Modeling of Engineering Systems	3(2-1)
FMP-712	Agricultural Storage Engineering	3(2-1)	FMP-712	Post-harvest Engineering	3(2-1)

FMP-713	Grain Preservation and Processing	3(2-1)
FMP-714	Product Design and Development	3(2-1)
FMP-715	Renewable Energy Engineering	3(2-1)
FMP-719	Special Problem	1(1-0)
FMP-720	Seminar	1(1-0)

FMP-713	Mechanization for Crop Production (**This course will be offered for students of Faculty of Agriculture**)	3(2-1)
FMP-714	Product Design and Development	3(2-1)
FMP-715	Renewable Energy Engineering	3(2-1)
FMP-719	Special Problem	1(1-0)
FMP-720	Seminar	1(1-0)