

SUBJECT NO-AG60003, SUBJECT NAME- FARM MACHINERY DESIGN AND TESTING

LTP- 3-1-0,CRD- 4

SYLLABUS :-

Basic design principles of farm machines, implements and tools. Design and selection of power transmission elements. Design of primary and secondary tillage implements. Design of seeders, planters, transplanting machines, fertilizer distributors and plant protection equipments. Design of harvesting and threshing machines for cereals, pulses and root crops. Design of farm transport equipment. Test codes. Performance indices. Selection of machine for various farming operations.