

Education

- The section of Agricultural Engineering came into existence in 2000 with the establishment of the college. Since its inception the department is catering the needs of undergraduate courses.
- The academic staff have published/ prepared following Class notes, Practical manuals and Text Books as per IV and V Deans committee Recommended Syllabus of UG courses:

Practical manual for UG (New syllabus)

ENGG-121 (Soil and Water Conservation Engineering)	1+1
ENGG-232 (Farm Machinery and power)	1+1
COMP-231 (Agril. Informatics)	1+1
ENGG-364 (Protected Cultivation & Secondary Agriculture)	1+1

Lecture Notes for UG (New Syllabus)

ENGG-121 (Soil and Water Conservation Engineering)	1+1
ENGG-232 (Farm Power and Machinery)	1+1
ENGG-364 (Protected Cultivation & Secondary Agriculture)	1+1
COMP-231 (Agril. Informatics)	1+1
MATH-111 (Elementary Mathematics)	1+1

Lesson Plans and Teaching Schedules

Formulated common course curricula of Agricultural Engineering Subjects for B.Sc. (Agri) to be implemented in the state Agricultural Universities. The common syllabus implemented from 2018-19 for undergraduate were reviewed and restructured as per the needs of the region. Recent courses of Agricultural Engineering for B.Sc. (Hons.) Agriculture are as follows:

Courses Offered

UG Courses B.Sc. (Hons.) Agriculture (Vth Dean Committee)

Semester	Course No.	Course Title	Credit
I	MATH-111 (Remedial course)	Elementary Mathematics	1+1=2
II	ENGG-121	Soil and Water Conservation Engineering	1+1=2
III	COMP-231	Agril. Informatics	1+1=2
III	ENGG-232	Farm Machinery and Power	1+1=2
IV	ENGG-243	Renewable Energy and Green Technology	1+1=2
VI	ENGG-364	Protected Cultivation and Secondary Agriculture	1+1=2
VIII	ELM ENGG-485	Natural Resources Management	0+10=10

Old Courses (IVth Dean Committee) B. Sc. (Agri.)

Semester	Course No.	Course Title	Credit
II	MATH-111	Mathematics (Deficiency Course)	1+1=2
II	ENGG-121	Fundamentals of Soil and Water Conservation Engineering	1+1=2
III	ENGG-232	Introduction to Computer Application	1+1=2
V	ENGG-353	Farm Power and Machinery	1+1=2
VI	ENGG-364	Protected Cultivation and Post Harvest Technology	1+1=2
VII	ENGG-RAWE-475	(RAWE Agricultural Engineering)	0+1=1