

ACADEMIC ACTIVITY

College of Agriculture:

Courses offered for Undergraduate programme according to Vth Dean's committee

Sr.No.	Semester	Course No.	Course title	Credit hrs
1	II nd	Ag. Engg 2.1	Introductory Soil & Water Conservation Engineering	1 + 1
2	III rd	Ag. Engg 3.2	Farm Machinery and Power	1 + 1
3	IV th	Ag. Engg 4.3	Renewable Energy and Green Technology	1 + 1
4	V th	Ag. Engg 5.4	Protected Cultivation and Secondary Agriculture	1 + 1

Polytechnic in Agriculture:

Sr.No.	Semester	Course No.	Course title	Credit hrs
1	III rd	Ag. Engg. 3.1	Introduction Agricultural Engineering	1+1
2	IV th	Ag. Engg. 4.2	Soil and Water Conservation Engineering	1+1
3	V th	Ag. Engg. 5.3	Farm Machinery and Power	2+1

RESEARCH ACTIVITY

Sr. No.	Title of research scheme/project	Approving authority	Year of approval	Status
1	Quantitative Determination of Soil Erosion and Prioritization of Micro-watersheds using Remote Sensing and GIS	NAU (AGRESCO)	2019	Completed
2	Assessment of Water Resources of Navsari and Dang District using Water Quality Index and GIS	NAU (AGRESCO)	2020	Completed
3	Design and Development of Battery Operated NSKE Sprayer	NAU (AGRESCO)	2018-19	Ongoing
4	Development of Tractor Hydraulic Operated Cone Penetrometer	NAU (AGRESCO)	2018-19	Ongoing

EXTENSION ACTIVITY

1. Attended and delivered lectures to the farmers on different aspects in agricultural engineering in Krushi Mahotsav
2. Attended and delivered lectures to the farmers on different aspects in agricultural engineering in trainings organized by state department, The Dangs, Gujarat
3. Attended and delivered lectures to the farmers on different aspects in agricultural engineering in trainings organized by Krishi Vigyan Kendra, NAU, Waghai