



Koneru Lakshmaiah Education Foundation (Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Seed Production club

Sl.no	List of Activities : Odd Semester	Out come of Activities	
1	Birth Anniversary of Gregor Johann	To commemorate the birth anniversary of	
	Mendel on 20 th July	Gregor Johann Mendel and to enhance	
		students' knowledge and appreciation of his	
		groundbreaking research in genetics	
2	Hands-On Introduction to Seed Technology	A hands-on experience with Seed	
	lab Instruments	technology instruments gives accurate	
		Seed Purity Assessment, Enhanced	
		Understanding of Seed Characteristics and	
		Improved Seed Handling Techniques	
3	Germplasm collection : Collecting Seeds of	To collect and preserve a wide variety of	
	the Future	plant genetic resources, also known as	
		germplasm	
4	Hybridization in self and cross pollinated	Creation of Superior Varieties:	
	crops: Art of Breeding Better Plants	development of superior crop varieties that	
		can address critical agricultural challenges	
		and contribute to a sustainable and food-	
		secure future	
	List of Activities : Even Semester		
1	Visit to near by seed testing laboratory	Gaining knowledge of the rigorous	
		procedures and scientific methods used to	
		assess seed quality	
2	Detasseling: Removal of tassel / Pollen	Production of hybrid seeds that exhibit	
	Elimination in Maize, A Crucial Step in	hybrid vigor, leading to increased yield,	
	Maize Breeding	improved disease resistance, and maintance	
_		of genetic purity	
3	Rouging: Role of rouging in seed	Development and maintenance of high-	
	production plots, Removal of offtypes in	quality crop varieties	
4	seed production plots		
4	Extracting and Measuring DNA of crop	Genetic purity analysis: Isolation of pure	
	plants: Involves isolation and quantification	DNA from a crop plant, Understanding	
	of DNA from crop plants.	Genetic Information: Genetic Variation.	
5	Hybridization in self and cross pollinated	Creation of Superior Varieties:	
	crops: Art of Breeding Better Plants	development of superior crop varieties that	
		can address critical agricultural challenges	
		and contribute to a sustainable and food-	
		secure future	