Assignment Topics:

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| **SL.No.** | **TOPIC** |
| 1 | Nanotechnology and its application in crop improvement |
| 2 | Quantitative trait loci (QTLs) and its application |
| 3 | Intellectual property right |
| 4 | Genetically modified improved biotic and abiotic stress tolerant crops |
| 5 | Transgenic plants production and its regulations |
| 6 | Markers and its importance in modern plant breeding |
| 7 | Allele mining and its application in modern era |
| 8 | Different statistical tools used in the era of modern crop improvement |
| 9 | Marker-assisted backcross breeding for rapid introgression of genes |
| 10 | Genomics- assisted breeding |