



EXCEL ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A⁺⁺" and Recognised by UGC (2f & 12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF AGRICULTURAL ENGINEERING

Innovative Teaching Learning Videos

Academic Year 2023-24

S.No	Name of the faculty	Name of the subject	Topics	ICT tools used	Innovation in teaching	You tube Video Link
1	Mr.V.R.Vellingiri	Theory of Machines	Heat Engines	Practical Demonstration NPTEL Videos	Practical Demonstration using Objective type questions for activity based learning.	https://youtu.be/bN11TPA4ZyM?si=q881leuodiByPZxW
2	Mr.V.Bharath	Engineering Thermodynamics for Agricultural Engineers	Heat Engines	NPTEL Videos Animations	Practical Demonstration using 5S system. Assignments of techniques used to improve the quality.	https://youtu.be/fnQb8eZBsTo?si=iUIE_B34hwLg5ls-
3	Mr.S.Rameshkumar	Farm structures and Greenhouse gases	Value Addition and Processing of Agri Products	Animation videos	Demonstration of farm equipments	https://youtu.be/yI9kDCOTZJ8?si=Bel2UhmZuLRrZADt
4	Mr.C.Manojprabhu	Surveying and Levelling	Innovative Practices in Enterprise	Video presentation	Survey camps are conducted to gain realtime knowledge.	https://youtu.be/XDc2pP8I?si=Uk34gWcVwvkQFy
5	Mr.M.Tamilselvan	Unit operations	Jaw Crusher - Working Principle and Applications	Video presentation	Lab come theory involves demonstration of equipment. Industrial visits to gain more practical knowledge at industrial level.	https://youtu.be/9n4h27vHfCk?si=CXkOPFo_21RZeml
6	Mrs.M.Vaijayanthi	Fluid mechanics and machineries	Flow rate, Continuity Equation	Video presentation	Demonstration of different irrigation methods. Field visits to understand automated irrigation.	https://youtube.com/@javanthivaijayanthi2127?si=5B960Uth-a-RgADw