

**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY**

Balusumudi Bhimavaram – 2

(Approved by AICTE, New Delhi &amp; Affiliated to JNTUK, Kakinada)

(Accredited with B<sup>++</sup> Grade by NAAC)Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrcet@gmail.com) website: <https://dnrcet.org>

Electrical and Electronics &amp; Engineering

**COURSE OUTCOMES**

<b>ACADEMIC YEAR: 2020-21</b>
<b>NAME OF THE COURSE : High Voltage Engineering</b>
<b>REGULATION:R16</b>
<b>YEAR/SEMESTER:IV/II</b>
<b>NAME OF THE FACULTY: Dr. KVBSR SUBRAHAMANYAM</b>

<b>CO NO.</b>	<b>DESCRIPTION</b>
<b>C2424.1</b>	To be acquainted with the performance of high voltages with regard to different configurations of electrode systems.
<b>C2424.2</b>	To be able to understand theory of breakdown and withstand phenomena of all types of dielectric materials.
<b>C2424.3</b>	To acquaint with the techniques of generation of AC,DC and Impulse voltages.
<b>C2424.4</b>	To be able to apply knowledge for measurement of high voltage and high current AC,DC and Impulse.
<b>C2424.5</b>	To be in a position to measure dielectric property of material used for HV equipment.
<b>C2424.6</b>	To know the techniques of testing various equipment's used in HV engineering