

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

Balusumudi Bhimavaram – 2

*(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)*(Accredited with B<sup>++</sup> Grade by NAAC)Ph: 08816-221238 Email: [dncet@gmail.com](mailto:dncet@gmail.com) website: <https://dncet.org>

Department of Computer Science &amp; Engineering

**COURSE OUTCOMES**

<b>ACADEMIC YEAR: 2020-21</b>
<b>NAME OF THE COURSE : OPERATION RESEARCH</b>
<b>REGULATION:R16</b>
<b>YEAR/SEMESTER:IV/II</b>
<b>NAME OF THE FACULTY: D SANDHYA</b>

<b>CO NO.</b>	<b>DESCRIPTION</b>
<b>C5422.1</b>	Analyze any real life system with limited constraints and depict it in a model form.
<b>C5422.2</b>	Convert the problem into a mathematical model
<b>C5422.3</b>	Solve the mathematical model manually as well as using soft resources/software such as solver, TORA etc.
<b>C5422.4</b>	Understand variety of problems such as assignment, transportation, travelling salesman etc.
<b>C5422.5</b>	Solve the problems mentioned in point 4 using linear programming approach using software.
<b>C5422.6</b>	Understand different queuing situations and find the optimal solutions using models for different situations.

Signature of the Faculty

Signature of HOD