



**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur-441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University)



---

## Department of CSE (Data Science)

---

### **B. Tech VII Semester in CSE (Data Science)**

**Course Name: BDS4708 PEC – V (Natural language Processing)**

<b>BDSXX19</b>	<b>Course Outcomes</b>
	After the completion of this course, students will be able to-
<b>BDS4708.1</b>	<b>Understand</b> NLP fundamentals, regular expressions, and morphological analysis.
<b>BDS4708.2</b>	<b>Apply</b> N-gram models and POS tagging for syntactic analysis.
<b>BDS4708.3</b>	<b>Analyze</b> syntax using CFGs and probabilistic parsing techniques.
<b>BDS4708.4</b>	<b>Interpret</b> semantics with predicate logic and disambiguation methods.
<b>BDS4708.5</b>	<b>Evaluate</b> discourse analysis, dialog agents, and machine translation.