



**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)



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## Department of CSE (Data Science)

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

**Course Name: BDS XX17 Open Elective-I: Soft Computing Techniques**

BDS XX17	Course Outcomes
	After the completion of this course, students will be able to-
BDS XX17.1	<b>Understand</b> soft computing techniques and their applications
BDS XX17.2	<b>Analyze</b> various neural networks architectures
BDS XX17.3	<b>Implement</b> the fuzzy system based on the fuzzy rules
BDS XX17.4	<b>Evaluate</b> the fuzzy propositions and decomposition rules
BDS XX17.5	<b>Generalize</b> the genetic algorithm based on fuzzy rule