NARAYANA ENGINEERING COLLEGE::NELLORE

AUTONOMOUS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Report on Guest Lecture on "Theory of Computation"

The Department of Computer Science and Engineering, NEC, Nellore Organized a Guest Lecture on **"Theory of Computation"** in association with CSI on 16-12-2022 for III B.Tech Students, Main Auditorium, C-Block. Resource Person is Dr. G. Murali, working as a Professor, Dept of CSE, JNTUACEP, Pulivendula.
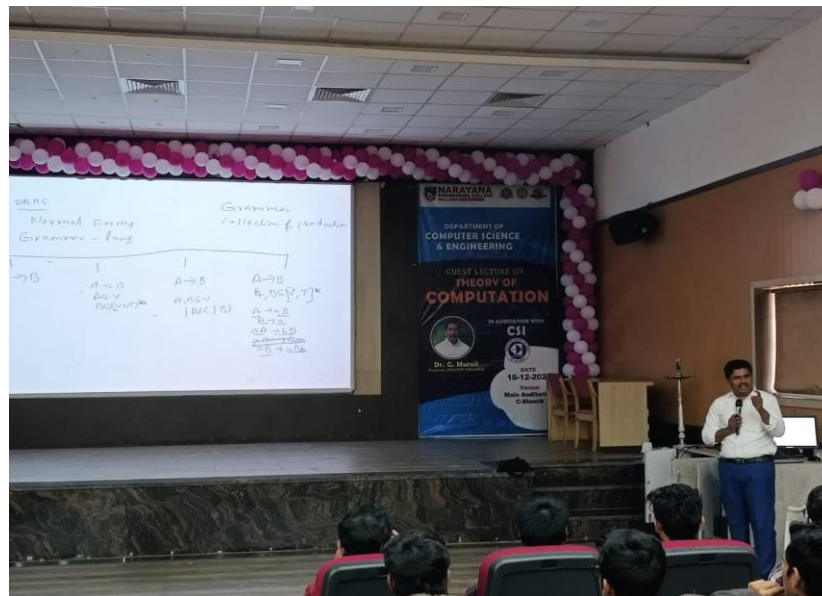
The resource person was introduced by the department HOD-CSE Dr.C.Rajendra, addressed the students and explained the importance of Theory of Computation. This Guest Lecture is aimed to impart knowledge and training on the Fundamentals concepts of formal languages, grammars and Automata Theory in solving real world problems. He also talked about conversion of NFA to DFA and made the students involved actively in the conversion.

Resource Person explaining about the Theory of Computation

Students attended for the guest lecture

Dr.Murali explaining a problem

He also has given lecture on converting the language into regular expression and regular language. Finally, he concluded his entire session by giving a lecture on doing problems related to pumping lemma on regular sets and minimization of FA. Students are actively participated in this session. Totally 190 students from III B. Tech CSE got benefited by this Program.