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| Logo New_small | **GokarajuRangaraju Institute of Engineering and Technology (Autonomous)**  **Bachupally, Kukatpally, Hyderabad – 500 090, Telangana, India.**  **(040) 6686 4440**  **Course Code:** GR18A3109 **III Year- II Semester**  **UNIX PROGRAMMING** |
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**Course Outcomes:**

1. Experiment with different utilities of UNIX and work with various shell scripts.

2. Demonstrate the usage of various system calls for file and directory management

3. Develop the ability to implement various process and signal handling mechanisms of UNIX

4. Select the appropriate mechanism for working with IPC using pipes, named pipes along with concurrency management

5. Interpret the usage of system calls for SYSTEM-V IPC using programs