

Natural language processing strives to build machines that understand and respond to text or voice data—and respond with text or speech of their own—in much the same way humans do.-

-BY IBM

Several NLP tasks break down human text and voice data in ways that help the computer make sense of what it's ingesting. Some of these tasks include **Speech recognition**, **POS Tagging**, **Word sense disambiguation**, **Sentiment Analysis**, **Natural Language Generation**..





G. Pulla Reddy Engineering College is the brainchild of Late Sri G. Pulla Reddy, (popularly known as Sweets Pulla Reddy in A.P.) the renowned philanthropist and a great humanist. Established in 1984-85, it is one of the earliest private engineering colleges in Andhra Pradesh state. GPREC has been functioning as an autonomous institution since 2006. The college is being managed by G. Pulla Reddy Charities trust, Hyderabad. The trust was instituted by late Sri G. Pulla Reddy Garu in 1977 with the motto of rendering service to the society.

The ECE dept. was established in the academic year 1984-85 with an intake of 40 and currently with 180 regular and 36 lateral entry students. The department is also offering a post graduate programme with the specialization of VLSI & Embedded systems with an intake of 18 students. The department has highly qualified faculty having specialized in diversified areas of technology like Communications, Signal Processing, Microelectronics, Microprocessors, Instrumentation and control and Digital Electronics.





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## **Resource Persons**



Dr. Sanjay Kumar Panda, Assistant Professor, NIT Warangal



Mr. Anup Jayant Kelkar, Director, Python Academy, Pune



Dr. Jitendra Kumar Rout, Assistant professor, NIT Raipur.



Dr. K. Manjunatha Chari, Professor , GITAM University, Hyderabad



Dilip Purohit, Data Science and ML Expert, Enterprise Building Training Solutions



Dr. Lov Kumar, Assistant Professor BITS Pilani, Hyderabad

Chief Patron Dr. B. Sreenivasa Reddy, Principal, GPREC Patron Dr. S. Nagaraja Rao, HOD & Professor of ECE Co-Patron Dr. K. Suresh Reddy, Dean & Professor of ECE Coordinator Dr. G. Amjad Khan, Associate Professor of ECE Co-Coordinator Mr. G. Pavan Kumar Assistant Professor of ECE

Dr. Santhosh Kumar Bharti,

Pandit Deendayal Energy

University, Gujarat

Assistant Professor,

Dr. Vipul Vyas, Director, Mann-The mind Academy, Mumbai



Dr. Deepak Ranjan Nayak, Assistant Professor MNIT, Jaipur



Dr. Abinash Tripathy, Associate Professor, Raghu Engineering College, AP

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