We're moving ahead fast... so can you!

Creative skills in many advanced technologies have helped Texas Instruments double in size about every three years for the past two decades. The technologies illustrated here represent important TI activities... diverse, yet uniquely compatible. All have as a common bond a high level of innovation... by creative people working in a creative environment.

TI's growth and diversity offer exceptional opportunities for outstanding college graduates at all degree levels and in many disciplines:

- accounting
- ceramics & ceramic engineering
- mathematics
- chemistry & chemical engineering
- mechanical engineering
- data processing
- metallurgy & metallurgical engineering
- electrical engineering
- operations research
- industrial engineering
- geophysics & geological engineering
- management sciences
- physics
- management sciences

LARGE SCALE INTEGRATION OF SEMICONDUCTOR CIRCUITS—With LSI, more than a thousand component equivalents can be packed into a single chip only two inches square. Ultimately, this component density may be increased 10-fold and more, providing superior electronic functions for many industrial and military applications.

COHERENT OPTICS TECHNOLOGY—Laser display development by TI reduces display problems created by the rapid growth in complexity of command and control systems. Laser displays can handle volumes of data in real time displays that are bright, will shine in full color, of high resolution, and highly flexible.

DIODE TECHNOLOGY—A completely new solar concept developed by TI eliminates the need for a high power microwave source and for all moving parts. MERA (microelectronic radar) will operate far more reliably than the most advanced conventional radar and will provide new performance capabilities as well.

SPACE SYSTEMS—Involved in initial planning of the Mariner IV, TI developed the instrumentation to measure the magnetic field of Mars—one of the major scientific experiments of that mission. New TI has developed the capability to put a complete interplanetary probe.

SIGNAL PROCESSING—TI, the world's largest digital processor of scientific information, developed a reconfigurable signal processing system used in detection of nuclear explosions and seismographs, as well as in the search for oil. Today, TI operates several major processing centers in the US, Canada, England and the Middle East.

To arrange a campus interview with a TI representative Nov. 21-22, contact your placement officer. If interview inconvenient at this time, write Jack Trooster, Dept C-452 Box 5474, Texas Instruments, Dallas, Texas 75222. AN EQUAL OPPORTUNITY EMPLOYER