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Gulzar institute of Engineering & Technology (GIET), Ludhiana has recently introduced the course of Automation & Robotics in its curriculum after realizing its career prospective. It is a vital part of Gulzar Group of Institutes which are under the aegis by Gulzar Charitable and Educational Trust. The institute has the affiliation of Punjab Technical University (PTU), Jalandhar. It is one of the prominent group of institutes in North India which has introduced the engineering course of AUTOMATION AND ROBOTICS for the first time in North India. GGI is one of the top I.T institutes that cater the need of students residing in urban as well as rural areas.

GIET is approved by All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India and recognized by the Directorate of Technical Education (DTE), Government of Punjab. It offers undergraduate courses in the field of engineering - Bachelor of Technology (B.Tech). The institute offers the best and the latest facilities for the all around development of students.

GGI adopts a holistic approach to create top quality engineer along with socially responsible citizen. GGI follows the motto â€œSharpening Minds. Brightening Tomorrowâ€•!

The institute comprehends the wide career opportunities opening up from this area of education. To survive in the tough competition, industries need to adopt the groundbreaking technologies and specialized devices for producing high-tech gadgets and modern toys.

Main Subjects included in the course are Chemistry, Mathematics-II, Elements of Mech. Engg, Technical Drawing, Fundamentals of Computer Programming & IT, Physics, Communication Skills, Basic Electrical & Electronics, Fluid Mechanics, Building Materials, Solid Mechanics, Principals of Economics & Management, Building Construction, Structural Analysis, Rock Mech. & Geology, Environmental Science, Construction Machinery & Works Mgt etc.

What robotics engineers do?

They design ROBOTS and work on robotics applications in various fields of manufacturing. Inspection of electronic components involved in ROBOT designing is done by these engineers only. They install or assemble robots and even provide assistance to the users. They use the program of Trouble shoot to find out the robot malfunctions using knowledge of microprocessors, programmable controllers, electronics, circuit analysis, mechanics and pneumatics.

Use of ROBOTS: The top engineers have predicted a tremendous growth of robots in near future. It will surely dominate numerous fields in India.

Yes! The following areas are just few examples:

â€¢ Robots in Commerce â€“ Retail, Services.

â€¢ Robots in home â€“ Maids, Washing Car, Doing Chores.

â€¢ Robots in Security â€“ Guards, Guard Dogs, Bomb Squads.

â€¢ Robots in Transportation â€“ Light Rail, Cars, Aircraft.

â€¢ Robots in Distribution â€“ Trains, Warehouses.

â€¢ Robots in the Military â€“ Net-Centric Systems, UAVs etc.

Automation & Robotics technology has a great and bright future ahead. Those who have ever dreamt to make their own ROBO, this course is all you need!

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