

Gian Jyoti Group of Institutions



(Approved by AICTE, Affiliated to PTU)



**Admission Brochure
2013**

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KEY FUNCTIONARIES

Chairman	Mr.J.S.Bedi
Director	Dr.V.K.Jadon
Chairman's Advisor	Mr. Gurwinder Singh
Dean Academics	Dr. Neeraj Sharma
Academic Incharge	Mr. Gurpreet Singh
Head Training and Placement	Mr. Anurag Garg
Incharge Student and Welfare	Dr. Deepak Sharma

GIAN JYOTI INSTITUTE OF ENGINEERING & TECHNOLOGY

Head Of Departments

Civil Department	Ms. Madhur Gupta
CSE Department	Ms. Himanshu Arya
ECE Department	Mrs. Gurmeet Kaur
EEE Department	Ms. Sonia Grover
Mechanical Department	Mr. Gurpreet Singh
Applied Science Department	Mrs. Chunesb Bhalla

GIAN JYOTI SCHOOL OF MANAGEMENT

Head Of Department

MBA Department	Dr. Neeraj Sharma
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CHAIRMAN'S MESSAGE



Dear Friends,
Greetings!

Excellence , growth and pre-eminence have been hallmarks of the journey of Gian Jyoti Group of institutions spanning four decades. From a very humble beginning , we have arrived at a juncture where we are set to make a big leap forward.

The multi-disciplinary integrated campus will create professionals , who will meet the ever growing demands of business and industry with thorough professional grinding and sharpening of interpersonal skills students will be able to take up challenges of the fast paced life and jet setting careers. At GJGI we have always regarded education as an exercise in 'drawing out' rather than 'putting in'. Students are helped to stand to their full potential in

an environment of inclusive learning that is unique to the ethos of Gian Jyoti.

I welcome you amongst the Gian Jyoti fraternity.

I promise you that your GJIET experience will match your expectations and set you on a spiral path to success.

Jaswant Singh Bedi

DIRECTOR'S MESSAGE



Gian Jyoti Group of Institutes, Shambhu Kalan, has been envisioned to be an institute promoting academic and professional excellence, nurturing and sustaining conducive ambience for sculpting budding talents into technology and management leaders of tomorrow and inculcating professional ethics, cultural values, sensitivity and sense of service towards society.

Our objective is to create a breed of qualified, innovative and dynamic professionals for corporate sectors, the service industry, for self-employment and for academic & research institutions of socio-economic importance. We strongly believe in human values and accordingly, our teaching-learning process is based on motivating factors, discipline, although in relaxed natural ambience. We have created a secured, congenial and serene environment

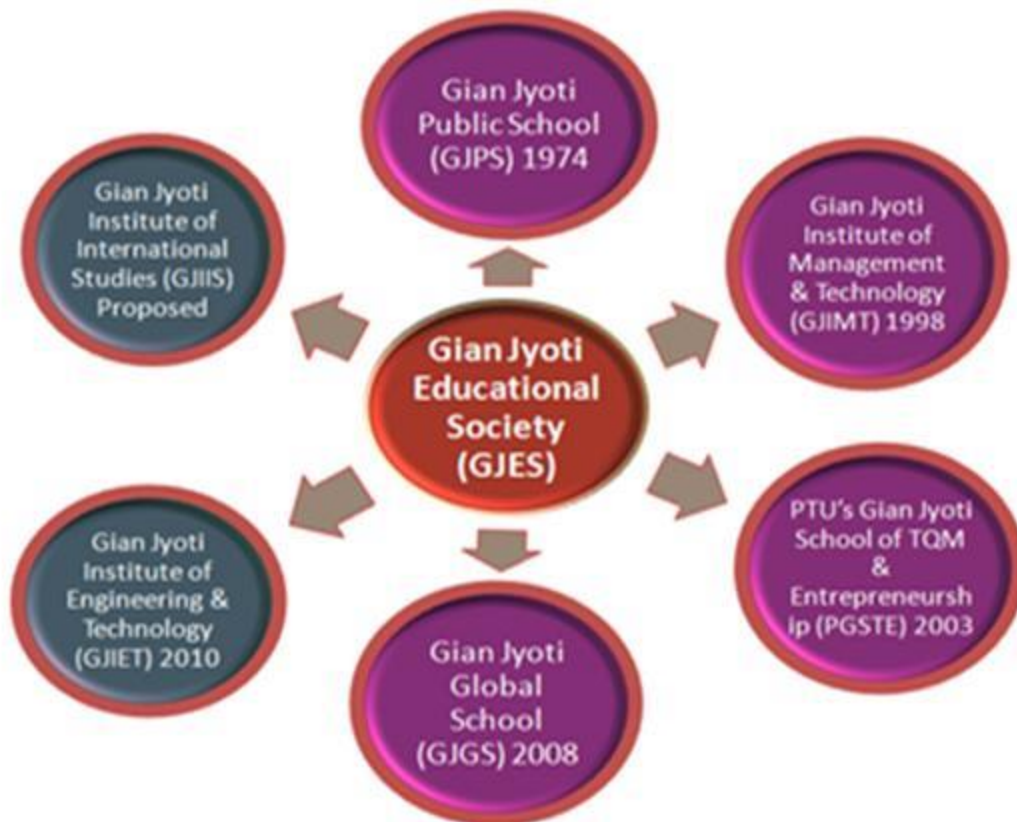
for both boys and girls students to make it their coveted educational destination.

The institute has achieved commendable progress in attracting highly qualified faculty, developing high profile academic infrastructure including excellent internet and computational facilities well-endowed laboratories and learning resource centre and using ultra-modern teaching facilities.

Dr. V.K. Jadon

ABOUT GIAN JYOTI EDUCATIONAL SOCIETY (GJES)

Gian Jyoti Educational Society (GJES), was established in 1974 by eminent academicians and educationists to provide quality education from Kindergarten to Post graduate level.



1974: Gian Jyoti Public School(GJPS), a CBSE affiliated senior secondary, co-educational school.

1998: Gian Jyoti Institute of Management & Technology(GJIMT), a premier AICTE approved management and computer applications institute offering MBA, MCA, BBA and BCA programmes affiliated with Punjab Technical Univeristy.

2003: Gian Jyoti's School of Total Quality Management and Entrepreneurship(PGSTE), imparting quality inputs in the field of TQM and Entrepreneurship by offering B.Tech to working professionals in Industrial Engineering Managment.

2008: Gian Jyoti Global School(GJGS), a focused experiential learning kindergarten school, established to impart holistic education in a world class enviornment and infrastructure with curriculum designed by the alumni of Harvard and Cambridge.

2010: Gian Jyoti Institute of Engineering and Technology(GJIET) and Gian Jyoti School of Management(GJSM), an Integrated campus with state of the art infrastructure offering 4-year full-time B.Tech degrees and 2 year full time MBA programme from the session2010-11.

ABOUT GJGI

Gian Jyoti Group of Institutions (GJGI) was established by Gian Jyoti Educational Society (GJES) in the year 2010, for imparting Engineering Education and for promoting technological research to generate suitable technical manpower. GJGI is the result of a 36 year long vision to imparting quality education to its students.

The institute is affiliated to the Punjab Technical University (PTU) and approved by AICTE (F.No.-NWRO-2010-1-2597051). GJGI conducts various Graduate (B.Tech, BCA, BBA) and Post Graduate (MBA, MCA) level courses and also offers Ph.D.



VISION

To provide pre-eminent educational experiences which are stimulating, responsive to needs of the century, and prepare our students for leadership role in their profession and society. To develop technical manpower by arranging short term courses, workshops, seminar on regular basis.



MISSION

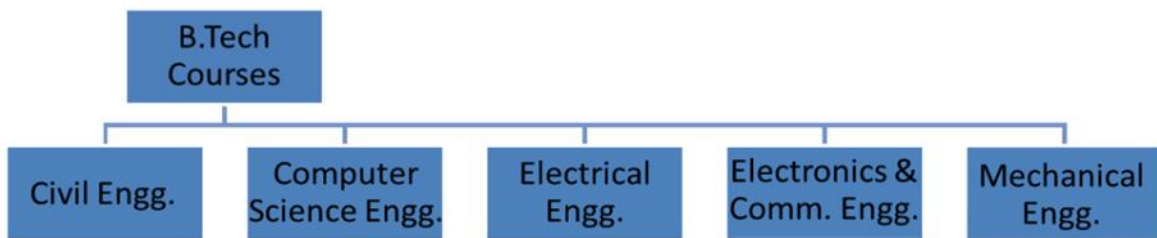
The mission of the College is to help prepare outstanding educators, scholars, and researchers, and to advance the profession of education, as broadly defined, through research on the science and art of teaching and learning, the effective uses of technology, and the analysis and development of leadership and educational policy.



PROGRAMMES AT GJGI

Academic programmes at GJGI are designed to enable growth and learning in a focused and application-based environment. This is achieved through a combination of formal lectures and hands-on experience in well-equipped laboratories and through project activity, which equips students to design and operate high-end computing systems. At GJGI there are main stream courses in engineering and management, besides these there are also graduate level courses in Business Management (BBA) and Computer Applications (BCA).

GIAN JYOTI INSTITUTE OF ENGINEERING & TECHNOLOGY



GIAN JYOTI SCHOOL OF MANAGEMENT



Seat Matrix		
COURSE	BRANCH	NO.OF SEATS
B.Tech.	Mechanical	60
	Civil	60
	Electrical	60
	Electronics	60
	Computer Science & Engineering.	60
M.B.A		120

ADMISSIONS AT GJGI

Students admitted to GJGI are among the best in the state with excellent academic record throughout their schooling. The admission procedure leaves no stone unturned while assessing the intellectual capabilities of the candidates



Eligibility for Admission

•**B.Tech (1st Year)** For Admission to B.Tech 1st Year , the candidates should have passed the 10+2 examination from a recognized Board/University with physics & mathematics as compulsory subjects along with one the following subjects: Chemistry, Biotechnology, Computer Science, Biology. The student should also have cleared JEE test with a good rank.

•**B.Tech (2nd Year) of Engineering (Lateral Entry Scheme)**

Admission through Lateral Entry to the B.Tech Programmes for diploma holders at the second year level is made on the basis of relative merit of the candidates in the Lateral Entry Engineering Test (LEET) conducted by Punjab Technical University, Jalandhar/Aggregate of Diploma marks. Candidates admitted under this category study the same courses, as ordained in the regular scheme of respective B.Tech programmes, from 3rd semester onwards.

•**MBA**

Any student who has done 3-Year Degree (Any stream) with a minimum of 50% Marks in any Stream is eligible to apply for MBA programme at Gian Jyoti Group.

Fee at GJGI

Fee Structure								
Course	1 st Semester	2 nd Semester	3 rd Semester	4 th Semester	5 th Semester	6 th Semester	7 th Semester	8 th Semester
B.Tech	45450	39270	39270	39270	39270	39270	39270	39270
LEET (B.Tech)	-	-	45450	39270	39270	39270	39270	39270
MBA	55200	39070	42120	39070	-	-	-	-

TRANSPORTATION

Although well connected through public transport. The institution provides its own buses for the convenience of students and staff at a very nominal fee. The institute maintains a fleets of buses from all major cities i.e. Chandigarh, Panchkula, Mohali, Ambala, Rajpura, Zirakpur etc. The bus facility may also be provided to the students from other far - flung places, if required. The routes may also be diverted to facilitate the students as per their convenience.

TRANSPORTATION CHARGES 12000 annually



HOSTEL

- Hostel is self-contained with facilities such as a reading room, an indoor games room, a lounge and a dining hall with mess. There is a six story hostel with lift facility. Computer lab as well as Gym Facilities are also available in the hostel. Environment is very peaceful and calm for study.

Hostel Charges

Hostel Fee		
1	Single Seater AC Room	65,000 per annum
2	Without AC	60,000 per annum



INFRASTRUCTURE & RESOURCES

Living in a new environment can be a challenging and sometimes daunting experience, especially for young students who are entering the college for the first time. Keeping these things in mind, Gian Jyoti Group of Institutions houses a rich library, AC classrooms, visitor lounges, hostel, faculty apartments, computer centre, gymnasium, dispensary, banking services and the basic amenities like telephones, Internet to help students pursue their studies and research without any hindrance and give them an all-round development. The communication network on campus provides instant global connectivity. The campus has sports facilities aimed at enriching the students' **life in campus**. All these central facilities are well equipped with the necessary infrastructure and headed by a faculty member and/or a senior administrative staff member.



Sports



Library



Cafeteria



Hostel



Computer Center



Gymnasium



Conference Room

EXTRACURRICULAR ACTIVITIES

GJGI strives to develop the overall personality of its students. There are a number of technical and cultural events organized by both the students and the administration round the year to allow the students to showcase and enhance their talents, be it in sports, arts or technical events. There are a number of student societies aimed at helping the students to enhance their soft skills and enjoy the campus life at the same time.

Sparsh Club

- To touch lives, bring as miniscule a change as we can and convert each of the society into a good citizen.

Frolix

- To create fun filled learning environment where students have a holistic growth

Srijan

- To encourage the students to think, feel and express. To enhance their knowledge and creativity

Techno Club

- To encourage engineering students to put their innovations to a concrete form

Management Club

- To encourage management students to go beyond books and develop the business acumen practically

Sports & Games

- To encourage students to participate in sports and games



CIVIL ENGINEERING



This engineering branch encompasses the conception, design, construction, and management of residential and commercial buildings and structures, water supply facilities, and transportation systems for goods and people, as well as control of the environment for the maintenance and improvement of the quality of life. Civil engineering includes planning and design professionals in both the public and private sectors, contractors, builders, educators, and researchers.

B.tech program imparts students with mastery in the field of civil engineering besides fluency in mathematics, physics, instrumentation, computers, management and economics - essential requirements for any successful civil engineer. Students gain practical experience from field visits to industries, dams and irrigation structures, construction sites, etc

There will be projects with industry covering various domains as innovative interface material, traffic-resistant pavement material, and shear strength of high-strength concrete, recycled aggregates, bio-concrete and basalt fiber concrete. The laboratories of Civil Department are well equipped with latest equipment from AIMIL International. Some of few are listed as below:-

- Fluid Mechanics Lab
- Survey lab
- Transportation Engineering Lab
- Structural Analysis Lab
- Geotechnical Engineering Lab
- Concrete Lab
- Environmental Engineering Lab



Activities

Civil engineering department has a club named NIRMAAN which organises technical and extra curricular activities. The club aims to enhance the personality of students and transform them into disciplined professionals and prepare them for placements in industry.

COMPUTER SCIENCE & ENGINEERING



The department caters to graduate courses (B.Tech) In Computer Science & Engineering. The department strives to maintain an environment that encourages scholarly inquiry and research, a spirit of creative independence and a deep commitment to academic excellence. With the right mix of creative talents, use of innovative technologies and strong relationships with various industries, the Department delivers quality methods of teaching that help students enhance their knowledge, understand the importance of being leaders in the area of their interest and provide them with an unbeatable edge to success in today's demanding work place and global market.

The computer labs are equipped with very high-speed servers and work stations powered by latest configurations. Complete power back up is provided with Guard Online UPS and individual UPS for every personal computer. The laboratories of CSE Deptt are fully well equipped and air-conditioned. Some of few are listed as below:-

- Computer Graphics Lab
- Data Structures Lab
- Database Management Systems Lab
- Object Oriented Programming Lab
- Operating Systems Lab
- Software Lab



Activities

The students of Computer Science Engineering have proven to be the stalwarts of GJGI. There is a technical society of the department named 'TECHZAZ'. Be it software development, application design, animation and games the students are exposed to it all.

ELECTRICAL AND ELECTRONICS ENGINEERING



The department of electrical engineering is one of the most electrifying departments, producing engineers with the power of knowledge and experience. Project work by student-teacher teams are done to ensure that the students are engaged in real life like projects. The department is continuously striving for excellence through development of laboratories and all necessary infrastructures. The specific objectives of this department are to provide a right combination of practical and theoretical knowledge to its students and to achieve excellence through exploration of ideas, their interpretation, application and dissemination of knowledge.

The department has well-equipped laboratories. The department laboratories have the best of equipments with no. of approximately 50 kits and machineries as per PTU curriculum. The various Laboratories in Department are:-

- Electrical Machines Lab
- BEEE Lab
- Power System lab
- Electrical Measurement & Instrumentation Lab
- Control System Lab
- Power Electronics Lab
- Microprocessor Lab
- Computational lab
- Electrical workshop



Activities

The Department has two technical club in which students use to do projects, technical events.

- Electrotrix
- Spark Club

ELECTRONICS & COMMUNICATION ENGINEERING



Department of Electronics and Communication is a prestigious and one of the most sought after department of the college. In order to cater to the rising needs for the professionally qualified engineer excelling in the field of Electronics and Communication, this department provides latest facilities in accordance with the various emerging trends in this field.

The labs, with latest technologies give students a cutting edge in technical exploration and enhance their information search and analysis skills.

The laboratory facilities completely satisfy the educational requirements as defined by the educational setup of any good engineering college. Some of laboratories in the department are:

- Electronic Devices & Networks
- Analog Electronics
- Digital Electronics
- Communication System
- Micro Controller and Embedded System
- Microwave and Radar Engineering
- Signals and Systems
- Digital Signal Processing



Activities

The students of Electronics & Communication Engineering have proven to be the stalwarts of GJGI. There is a technical society of the department named 'ELECTROTRIX'. The students are exposed to the various events like GD, Quiz, and many other technical events like soldering etc.

MECHANICAL ENGINEERING



The Mechanical Engineering Department was established in the year 2010. The department has a team of qualified and experienced faculty and supporting staff. The laboratories we have the best of equipments and machineries as per PTU curriculum. They strive to create new and innovative ways to enhance the quality of education and training being offered. Project work by student-teacher teams are done to ensure that the students are engaged in real life like projects. The department is continuously striving for excellence through development of laboratories and all necessary infrastructures. The specific objectives of this department are to provide a right combination of practical and theoretical knowledge to its students and to achieve excellence through exploration of ideas, their interpretation, application and dissemination of knowledge.

The department has well-equipped laboratories. The department offers the perfect conditions to incubate innovation and prepares its students to take on any challenge head on.

The various Laboratories in Department are:-

- CNC Lab
- CAD Lab
- Robotics Research and Development Centre
- EMM Lab
- Heat Transfer Lab
- Fluid Mechanics Lab
- Fluid Machinery Lab
- Thermodynamics Lab
- TOM Lab
- SOM Lab
- MMM Lab
- Workshop
- Automobile Lab



Activities

The students of Mechanical Engineering have proven to be the Victor of GJGI. There is a technical society of the department named "MECH MOVERS" which gives tremendous technical exposure, application design and overall personal development to the students.

DEPARTMENT OF MANAGEMENT - GJSM



Management education has always been forte at the Gian Jyoti Group. Having passed out number of students, GJSM can speak highly of the position they hold in the industry. It has taken continuous efforts of students and teachers, both to build such repute. At GJSM education goes a step ahead; the curriculum is a rich mix of classroom and off-classroom learning. Special emphasis is given to Personality Grooming, Soft Skills Development, Group Discussions, Seminars, Case Studies, Project Assignments, Company Visits, Guest Lectures, etc.

GJSM offers MBA degree courses with dual Specializations in:

- Finance Management
- Marketing Management
- Human Resource Management
- Operations Management
- IT Management

The MBA learning comes as a blend of knowledge and fun. Well-equipped classrooms, computer labs and activity rooms offer a conducive environment for learning.



PLACEMENTS



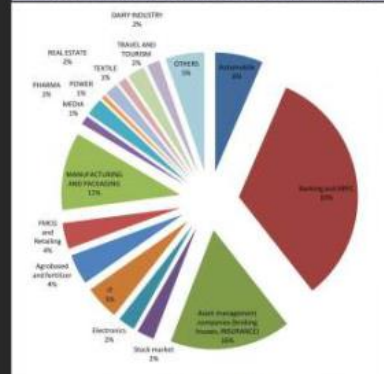
COMPANIES

where our present batch of students did their internships

1. ABC Consultants Pvt. Ltd., New Delhi
2. AMTEK AUTO Ltd.
3. Ansal API
4. Auro Weaving Mills, Baddi
5. Aviva Life Insurance, Chandigarh
6. b3Intelligence Pvt. Ltd.
7. BHARTI AIRTEL
8. Bonn Food Industry
9. Canara Bank, Mohali
10. Coca Cola
11. Connect, Branch-Bathinda
12. Cooperative Bank
13. Day and night news
14. Fullerton Securities Ltd.
15. GNA Udyog limited, Jalandar
16. Godrej & Boyce Mfg. Co. Ltd.
17. GSK Consumer Healthcare Ltd, Nabha
18. GSK pharma
19. HCL Infosystems Ltd
20. HDFC BANK
21. HPSCB shimla H.P
22. HSBC Bank
23. IBM
24. IDEA CELLULAR Ltd.
25. IFCI Financial Services Ltd.
26. Indo Asian Electric Pvt Ltd.
27. Ing Vyasa Life Insurance
28. ING Vysya Bank
29. J&K Bank
30. Kandhari Beverage Pvt. Ltd.
31. Kotak Life Insurance Ltd., Khanna
32. Kotak Securities Ltd
33. Ludhiana Stock exchange
34. Mafoi Randstad, bangalore
35. Magma Fincorp Limited
36. Mahindra & Mahindra
37. MakeMyTrip.com
38. Makhteshim-Agan India
39. Markfed
40. Maruti Suzuki
41. N Z Technologies Pvt. Ltd.
42. National Fertilizers Limited
43. Nidhi Elastomer India Pvt. Ltd.
44. NM Infotech
45. Oceaneering International Inc.
46. Pepsi Co
47. Pepsi Foods Private Limited
48. Philips electronics ind.ltd
49. Pioneer Toyota
50. PNB Housing Finance Ltd
51. Punjab Chemicals and Crop Protection Ltd.
52. Punjab National Bank
53. Quadrent Televenture Limited.
54. Ranbaxy Laboratories Limited
55. Reliance Communications Ltd.
56. Reliance General Insurance Co. Ltd
57. Reliance Life Insurance
58. Reliance Mutual Fund
59. Reliance securities Ltd.
60. Religare Securities Ltd., Kaithal
61. Ricoh International Ltd.
62. Samsung Electronics Ltd.
63. Share khan limited
64. Shiva Textabs Ltd
65. SJVN Ltd
66. SKODA (Krishna Auto Sales, Chd.)
67. Skynet
68. State bank of india
69. Swaraj Engines Ltd.
70. Swaraj Mahindra
71. Tata Teleservices pvt. Ltd.
72. Tech-Mahindra
73. Tetra Pak India Pvt Ltd, Gurgaon
74. Tricity Leaders
75. Tynor Orthotics Pvt Ltd, Mohali.
76. Verka Milk Plant, Sangrur
77. Videocon
78. Videocon Pvt.Ltd.
79. Vita Milk Plant

INDUSTRIES

where students have done internships



PLACEMENTS

The highest Salaried Package for 2011-13 Batch is 6.60 Lac p.a.

Our Recruiters					
1	Aircel	16	Ford Motors	31	Mc Donald's
2	Altrurist Technologies	17	Genpact	32	Metlife Insurance
3	Ameliorate	18	HCL	33	Money Ambit
4	Asian Tiles	19	HDFC Bank	34	Muthoot Finance
5	Axis Bank	20	IEC Consultants	35	Reliance Money
6	Bajaj Financials	21	India Infoline	36	Reliance Retail
7	Biocon	22	Indiamart	37	Samsung
8	Bisleri	23	Indus Ind Bank	38	Standard Yellow Pages
9	Career Routers	24	Initcall	39	Symbiosis Mgmt. Consultants
10	Climace	25	Intel Net	40	Total Media Solutions
11	Coca-cola	26	ITC	41	Trade India
12	Cosmas Pharma	27	Kaizen Consultants	42	Valeur HR
13	Cryo Bank	28	Lupin Pharma	43	Vardhman
14	CSM Tech.	29	Mancer Consultants	44	VIP Industries
15	DTDC	30	Mas Services	45	Vodafone

GJGI- MAKING A DIFFERENCE IN EDUCATION

NI LabVIEW Academy

LabVIEW is a graphical programming environment used by millions of engineers and scientists to develop sophisticated measurement, test, and control systems. It offers unrivaled integration with thousands of hardware devices.

This GJGI's endeavor is the first of its kind, aimed at keeping its students abreast with industry's innovative demands.

The Academy, being managed by experienced professionals and has completed over a dozen training programs in the past one year.

The NI LabVIEW Academy is indeed the crown jewel of GJGI

To know more visit www.ni.gjiet.com



ROBOTICS RESEARCH & DEVELOPMENT CENTRE

- The Centre aims to work on research problems and innovative projects that extend the state of the art in robotics. The center has worked in multiple domains of robotics involving Multi-robotic systems, Mobile robot navigation and planning, Force control of legged vehicles, Robot Vision. The lab is well equipped with robot platforms and advanced sensors and has been publishing in top international conferences like ICRA, IROS, IJCAI, AAMAS.



Stacker Robot operated via telephonic call developed by Students of GJIET.

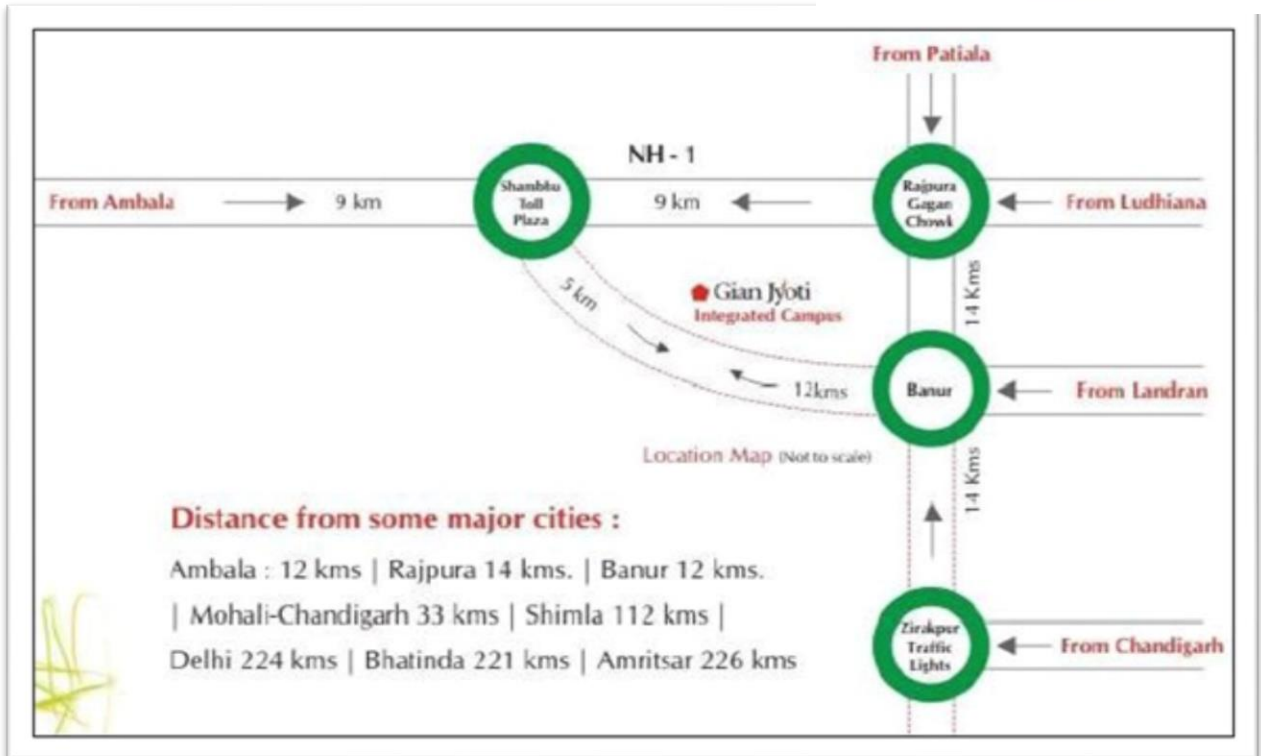


CNC MACHINE LAB

- A CNC machine in the Mechanical Engineering Lab at Gian Jyoti College of Engineering is currently being used to support the academic and engineering education in our College. The students gain knowledge and experience in CNC programming, understand basic machining processes, learn to set up and adjust the tools and fixtures and follow safety procedures. The hands-on machining experiences in this mechanical lab benefit our engineering students in their current academic course learning as well as future (career plan/job searching).



LOCATION



By Bus: By road Shambhu barrier is situated on National highway No. 1 and college is at distance of about 5 Km from barrier.

By Train: The nearby station to Shambhu Kalan is Rajpura(14 Kms), Ambala(12 Kms), Chandigarh(33 Kms).

By Air: The nearby Airport to the college is at Chandigarh.

CONTACT US

ADDRESS

Gian Jyoti Group of Institutions
Banur-Ambala Highway,
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