RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY
(ISO 9001-2008 Certified Institute)

(Estd. in 2000)

Best Engineering College in Ghaziabad adjudged by Big Brand Research Pvt. Ltd. in 2011

Convert your dreams into reality

B Tech | MCA | MBA | Pharmacy

Information Brochure
2012-2013

RANKS
2nd in B.Pharm
5th in MBA
7th in MCA
12th in B.Tech

Courses Offered
- B.Tech. (CSE, IT, ECE, EN, AEI, ME)
- B.Pharm
- M.Pharm
- MBA
- MCA
- B.Tech. Second Shift (CSE, ECE, ME)

Awardee of "Best Multi-Disciplinary Institute in NCR, Ghaziabad" adjudged by "Indian Achievers Podium" in 2011
RKGIT: The Great Foundation

Raj Kumar Goel Institute of Technology (RKGIT) is a reputed institute for technical and professional education. It was established in September 2000 by the Founder Chairman Late Shri Raj Kumar Goel J. He was a great visionary, a renowned industrialist, and a philanthropist. The institute promotes imbuing the right knowledge in the right environment in sync with the ever-changing national and global engineering and corporate environment so that aspirants may give shape to their career goals. A social, economical and technological transformation has made the future scenario very competitive and challenging. With the persuasive motive in the backdrop, later on six more institutes were developed including Raj Kumar Goel Engineering College (RKGEC), Plakuwa, Ghaziabad and Raj Kumar Goel Institute of Technology for Women (RKGITW), Ghaziabad.

The Chairman

Shri Dinesh Kumar Goel is an eminent educationist and a renowned industrialist. His contribution in the field of education is remarkable. He is also a well-known social worker.

The Advisor

Prof. B.K. Gupta is a well-known professional in the field of Mechanical Engineering. He completed his BE in Mechanical Engineering from IIT Roorkee, MS and Ph.D. from Cornell University. He has worked as Principal of MNR Engg. College, Allahabad. He has also worked as the Vice President of JK Technosoft Ltd. and a consultant to a number of MNCs and leading Indian industries.

The Director

Prof. Laxman Prasad is a distinguished and an eminent personality in the field of Engineering. He completed his B.Sc., Engg. and Ph.D. from BHU and LLB from Delhi University. He was a Visiting Fellow to Oxford University, UK during 93-94. Prior to taking up this assignment, he has served the Dept. of Science & Technology, Govt. of India for 31 Years and retired as Advisor (Technology Development & Transfer).

About the Campus

The Institute with a sprawling campus of more than 27 acres, is located in the NCR on NH-58, only 5 kms from GT Road. The campus is meticulously planned in a number of blocks separated by lush green lawns, that leave the visitors spell bound. The campus has been aesthetically designed as a pollution-free complex and has become a self-contained academic township. It has all the basic amenities like round the clock power back-up, safe drinking water, ATM, medical center, wi-fi campus and transport facilities to connect the institute to various parts of the city. Lecture and tutorial rooms with LCD facility, elegantly designed, comfortable furniture in the spacious well ventilated and well-lit classrooms provide the students a comfortable environment needed for a stimulating learning experience. Practical skills of students are enhanced in laboratories and workshops with the latest and most modern machines, equipment and instruments as per the MTU (formerly UPTU, Lucknow) syllabi. Each department has its own library apart from the Central Resource Centre.

Vision

To continually develop excellent professionals capable of providing sustainable solutions to challenging problems in their fields and prove to be responsible global citizens.
Academic Programmes
Ongoing Programmes with Admission Capacity

<table>
<thead>
<tr>
<th>Bachelor of Technology (B. Tech.) First Shift</th>
<th>No. of Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science and Engineering</td>
<td>120</td>
</tr>
<tr>
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<td>120</td>
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<tr>
<td>Electrical and Electronics Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Information Technology</td>
<td>60</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Applied Electronics &amp; Instrumentations</td>
<td>30</td>
</tr>
<tr>
<td>Department of Pharmacy</td>
<td>18</td>
</tr>
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<tr>
<td>Mechanical Engineering</td>
<td>60</td>
</tr>
<tr>
<td>College of Computer Application (MCA)</td>
<td>120</td>
</tr>
<tr>
<td>College of Pharmacy (B.Pharm)</td>
<td>60</td>
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<tr>
<td>Master of Pharmacy (M.Pharm)</td>
<td>120</td>
</tr>
<tr>
<td>Master of Business Administration (MBA) (College code - 639)</td>
<td>120</td>
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Admission Procedure:
For B.Tech / B.Pharm / MBA / MCA
MTU/GBTU (formerly UPTU) conduct an entrance examination for 95% of seats. The candidates are allotted branches on the basis of their merit through counselling. For 5% of seats, candidates can apply for direct admission to RKGIT. Admission will be based on the percentage of marks obtained in qualifying exam and/or respective entrance exam as per the policies of the University.

For M.Pharm:
For Admissions to M.Pharm course, the University invites applications directly.
Every student is required to attend all the lectures, tutorials, practicals and other prescribed curricular and co-curricular activities.

Bachelor of Technology - (B.Tech.) First Shift
Department of Computer Science and Engineering

The department ensures excellence in education and research with service to the industry. Laboratory exercises are particularly designed to implement the latest software and tools of the hardware and software industry. The Department is headed by Prof. Saurabh Goel, B.Tech., M.Tech., Ph.D. It also consists of a Student Chapter of the Computer Society of India.

The Institute has a Wi-Fi campus, modern and centrally air conditioned Computer Centre having more than 700 computers having round the clock 16 Mbps internet connectivity. Practical laboratories with modern technology in the department are dedicated for enhancing technical knowledge about the latest softwares.

Department of Electronics & Communication Engineering

The department of ECE is keeping pace with latest trends in communication engineering field and its synergy with Information Technology. RKGIT is institutional member of Institution of Communication Engineers and Information Technologists (ICEIT). Department is going to inaugurate student chapter of ICEIT in ECE department very soon. Department successfully organized Symposium cum Exposition on “Vacuum Electron Devices & Applications” (VEDA-2011) on 18th & 19th November, 2011. The department is the Nodal Centre for Virtual Lab in collaboration with IIT, Delhi under MHRD Govt. of India Technical Mission. The department is headed by Prof. K.K. Tripathi, BE, M.Tech., Ph.D. who got “Spoken Tutorial” Centre in ECE for running workshop on open source softwares in collaboration with IIT Bombay. The highest GATE score by ECE student was 99.94.

Mission
We wish to serve the nation by becoming a reputed deemed university for providing value based professional education.
Electrical and Electronics Engineering
The department is well equipped with the state of the art facilities to provide cutting edge knowledge to students as per requirements of industries. Students are doing very well in various competitive examinations. Recently 19 students cleared GATE-2012 with very good All India Ranking. Students have proved their talent by winning 4th prize in competitions held at IIT Chennai and IIT Mandi. Department is headed by Prof. J.G. Yadav, BE, M.Tech. and Ph.D. (Pursuing).

Department of Information Technology
IT is working as a hub to drive the businesses to new heights. To continuously learn and grasp new technologies is a real challenge for IT professionals. Creating such professionals to take this challenge and rise to the apex of the IT profession is the goal. The Department is headed by Prof. Saurabh Goel, B.Tech, M.Tech, Ph.D.

Department of Mechanical Engineering
The department is making sincere efforts to produce excellent graduates to meet the present day industry needs. This department is headed by Prof. O.P. Kaushal, M.E., Ph.D., who is also working as Director Academics. During four years, students learn the fundamentals of design, thermal, manufacturing, industrial engineering, materials, energy systems etc. The department guides doctoral research. The students of the department have been selected by reputed companies like Thermoax India Pvt. Ltd. and General Motors. 30 students qualified GATE-2012. Mr. Raj Kumar stood at 34th rank.

Department of Applied Electronics and Instrumentation Engineering
The department offers many courses such as Microcontroller, Intelligent Instrumentation, Biomedical Instrumentation, Optical Instrumentation and Analytical Instrumentation to prepare the students for current challenges in Instrumentation field. The department is headed by Prof. Anuj Kumar, B.Tech, M.Tech. In GATE-2012, one of the students stood at 140th Rank. A student of the department led a team to an event "ROBOTIX" at IIT Kharagpur.

Department of Management
The department ensures to impart futuristic management education and inculcate discipline and professional values in young managers so as to make them capable of leading India on the path of becoming a knowledge superpower and a leading entrepreneur. The department is headed by Prof. Vibhuti, PGDBM, MBA, Ph.D. Continuous involvement of students in Quizes, Management Games, etc. is the unique feature of this department.

Department of Applied Science & Humanities
The department comprises of basic sciences and professional communication. All laboratories are well equipped to impart fundamental facts for higher technical education. The department is headed by Prof. Poonam C. Kumar, M.Sc., Ph.D. The students are trained for their holistic development by this department.

Bachelor of Technology - (B.Tech.) Second Shift
The Second Shift in RKGIT commenced in 2010 with two branches: Computer Science & Engineering and Electronics & Communication Engineering. Further, Mechanical Engineering branch was introduced in 2011 with the intake of 60 seats. Later on, intake of 60 seats in Computer Science & Engineering has been added this year. The Second Shift is headed by Prof. Avinash Gaur, M.Sc., Ph.D., as Dean 2nd Shift. The students are nurtured professionally and ethically by learned faculty members.

Philosophy
The essence of teaching-learning process is to unravel and acquire knowledge and wisdom by continuously removing the layers of ignorance.
College of Computer Applications (MCA)

This course is designed to equip graduates for employment in enterprises applying information technology in production, administrative and financial environment. Core computer science courses are combined with applications of commercial interest to make them relevant to industry needs. During the final semester, students go through the full software life-cycle developing an application for an industry. Seminars, Conferences, Industrial visits are frequently organized for constant development of faculty and students. The department is headed by Prof. Kavita Saxena, MCA, M.Tech, Ph.D.

College of Pharmaceutical Sciences (B. Pharm and M.Pharm)

The college of Pharmaceutical Sciences with excellent facilities and experienced faculty is headed by Prof. U. V. S. Sara, M. Pharm, Ph.D. The college offers 4-year B. Pharm and 2-year M. Pharm (Pharmaceutics) Courses. The college boasts of 15 well-equipped laboratories and a well-stocked library containing more than 800 titles and 6000 volumes. The college received Excellence Award from UPTU in the year 2009 and its students have continuously held meritorious positions in the University. The College has excellent placement record. 16 students of the 2011-12 batch have qualified GPAT. The college strives to impart quality pharmacy education to the students so as to equip them to face the challenges of the modern era.

Master of Business Administration (MBA) College Code - 639

The Institute has made substantial endeavours to equip students with the skills and knowledge necessary to meet the challenges in the current business world with the help of an industry integrated Master in Business Administration (MBA) programme. A well qualified team of core faculty, having wide exposure in teaching and industry, aims at the holistic development of the personality of MBA students. The department is headed by Prof. Arvind Singh M. Com., PGDBM, Ph.D with vast corporate and academic experience.

Library

"The ocean of knowledge" Learning Resource Center (LRC), the nerve center of Raj Kumar Goel Institute of Technology takes pride in its state of the art infrastructure and resources. LRC is one of the best maintained libraries amongst the Ghaziabad-NCR. LRC is fully automated & Air-conditioned with rich print and online knowledge resources with more than 64,000 books, 2729 CDs, 423 IIT Video Lectures, 76 National Journals & AICTE Mandatory online e-Journals IEEE (145 e-Journals), Springer (46 e-Journals), McGraw Hill, Elsevier (275 Journals), ASTM Digital Library (over 1700 E-books and over 13,000 Journals Articles), J-Gate (7400 Indexed, free full text -1700), Wiley Blackwell (30 Journals), Gale Cengage (Full text title 2482). The RKGIT Library has membership of DELNET. User of LRC can access database through Resource sharing by DELNET. Book Bank Facility is also available to all the students. Digital Library is the main attraction to satisfy the thirst for knowledge of the students.

Students Amenities

RKGIT provides a separate hostel facility for boys and girls with a comfortable environment to live in. Telephone facility with 24 hour power backup. It further organizes various recreational activities including indoor games, field sports and gymnastics. RKGIT is fortunate in being able to ensure secured accommodation for all students. The facilities at the hostel include spacious and airy rooms, hygienic and fresh filtered drinking water with the availability of cold drinking water in summer; power back-up, entertainment room facility like T.V., newspaper, indoor games, first aid facility, tie up with a near by hospital in case of emergency, 24-hour security, hygienic, absolutely homely mess and a Solar Water Heating System.

Achievements

University has endorsed its trust in RKGIT by assigning responsibilities as Examination Center, Nodal Center, Evaluation Center and Online Counseling Center.
Corporate Resource Center
The institute has a well organized and effective Corporate Resource Center with the explicit purpose of training and guiding the students for getting employment in the corporate world. The CRC is headed by Prof. Dipak Moza, B.E., MBA. The center prepares students for the highly competitive corporate world and its culture through attitude and personality development programs, mock interviews and group discussions. These programs are facilitated through different cells such as:

- Training & Placement Cell (TPC)
- Industry Institute Partnership Cell (IIPC)
- Soft Skills Training Cell (SSTC)
- Students Coordination Cell (SSC)
- Faculty Coordination Cell (FCC)
- Alumni Advisory Cell (AAC)

The Institute has signed MOU with Infosys Technologies Ltd. for Campus Connect Program. Professional bodies like Advait and TIME are training students in career development programs. These combined efforts have resulted in placement of students in major companies like Thermax, HCL, Tech, HCL, Comm, ICICI Bank, IT, Bosch, Syntel, Oracle etc.

Step Towards Society
Food Distribution Van: Since 2010 a food distribution van regularly distributes food to nearly 200 poor persons every day.

Charitable Medical Centre: The Institute runs a health centre inside the campus for poor and ill persons. The centre is run by a team of a qualified doctor and staff.

Fee Structure

<table>
<thead>
<tr>
<th>Details</th>
<th>MBA</th>
<th>B.Tech</th>
<th>B Pharm</th>
<th>MCA</th>
<th>M.Pharm</th>
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<tbody>
<tr>
<td>Registration Charges</td>
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<td>1,000</td>
<td>1,000</td>
<td>1,000</td>
<td>1,000</td>
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<tr>
<td>Tuition &amp; Other Fees*</td>
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<td>79,700</td>
<td>79,700</td>
<td>79,700</td>
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<tr>
<td>University Fee</td>
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<td>3,550</td>
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<tr>
<td>Personality Development &amp; Placement Assistance**</td>
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<td>2,000</td>
<td>2,000</td>
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<td>Caution Money (refundable)</td>
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<td>Book Bank Caution Money (refundable)</td>
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<td>19,000</td>
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<td>Total (Rs.)</td>
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<td>1,06,250</td>
<td>1,07,250</td>
<td>1,48,550</td>
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*Provisional
**Rs. 3000, 4000 and 5000 in second, third and fourth year for B Tech, B Pharm; for MBA and M Pharm 5000 in second year; for MCA 4000 and 5000 in second and third year, respectively.

Hostel Fees for Academic Year only

<table>
<thead>
<tr>
<th>Rent and Meals**</th>
<th>Single Seater</th>
<th>Double Seater</th>
<th>Triple Seater</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security (One time refundable)</td>
<td>55,000</td>
<td>48,000</td>
<td>46,000</td>
</tr>
<tr>
<td>Total (Rs.)</td>
<td>65,000</td>
<td>58,000</td>
<td>56,000</td>
</tr>
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</table>

*Only for students beyond 2nd year.
**Heaters are not allowed; desert cooler during April - June on extra payment.

Curricular and Co-Curricular Activities
The Student Activity Council works at the institutional level for the overall holistic development of the students. This council is divided into four different segments. These segments are Literary Council, Hobby Council, Cultural Council and Sports Council. The activities of these Councils include Quiz Competitions, Debates, Seminars, Deepavali Celebration, New Year Celebration, Jagrit, Spandan, Ecstasy, Skyfesto and many more.