Commandment from The Founder

We are building our Institute as an ideal family, the RKG PARTWAR where members strive for the development, well being and promotion of each other.

From the desk of the Senior Member of Standing Council...

Please allow me to express my sincere gratitude for the honour bestowed upon me by inviting me to be a Guest Speaker at RKGITW to address the Faculty & Staff Members. I am very impressed by the grandeur of the Institute, its palatial edifice, the infrastructure, the façade and more than that, the disciplined and well qualified staff and above all the Director’s outstanding calibre, acumen and prowess, as a distinguished academician and outstanding administrator. I would like to congratulate the Editorial team of “News & Views” for bringing out a monthly newsletter which binds the whole group together and gives all a platform to share their views. I wish them all the Good luck.

Navin Kumar Jaggi, Advocate

From the desk of the Director...

Dear Fledglings

Started in 2008 by Chairman Sri Dinesh Goel ji as per the philanthropic urge of his father Sri Raj Kumar Goel ji; this college is seeing one achievement after the other. In a short span of 5 years, it has carved a niche for itself in Delhi-NCR area by providing Technical education as a professional education alternative to women.

The first two batches of engineering have shown exemplary results in the university and thus, we stand 5th in Delhi NCR region on the basis of provisional and Final Year results of GBTU. In the last one year alone, there were more than 150 research papers published by the faculty and students as well. We have exposed our students with 72 placement opportunities in the last one year. The students came across 38 events in the last one year ranging from Sampoorna Suraksha Divas, Cancer Awareness program, Industrial Motivation Campaign, Workshops from faculty from IIT Mumbai and IIT Karagpur, Workshop on Linux, PLC, SCADA and Embedded Systems, Smt. Chandra Kant Devi Memorial Table Tennis Tournament, Five days free residential camp by Department of Science and Technology and English Workshop by Diane Millar of US Embassy, to name a few. We are happy that in the last one year, we have bagged three awards from different forums i.e. Big Research Academy, All India Council for Human Rights, Liberties and Social Justice and from UP Education Awards 2013 in collaboration with CMAI, for being the best women engineering college in the region. We stand forth to continue our journey with our students and committed members of faculty. We are also working on to get government project grants and to bring industry linkages to the colleges. In the last two years, faculty and students have published more than 200 research papers and more than a dozen books.

We welcome the students of 2013-16 batch and wish them a very fulfilling knowledge journey with us in the next four years. We abide by to create a self learning society whose ultimate goal is to acquire knowledge.

Dr Neeta Awasthy
INDINtINECE DAY CELEBRATIONS

Raj Kumar Goel Engineering College

India’s 67th Independence Day was celebrated in the college premises with high spirit and pride. On the morning of August 15, Prof. B.K. Gupta, Advisor, RKG Group of Institutions set the mood by hoisting the national flag. He highlighted the achievements of the RKG Group during the past year and gave a call for further development. He also paid tribute to the leaders of the freedom struggle.

The occasion was witnessed by Sh. Akshay Goel, the son of Hon’ble Chairman Sh. Dinesh Kumar Goel as his representative. Prof. B.K. Gupta, the Chief Guest inspired the students by extending tip to be a True Engineer. Prof. Ashish Soti, Director, addressed the students & faculty members by expressing his views that ‘one must mean it, whatever one speaks’. Presence of Dr. Somashekar, Director RKGIT, revealed in the nationalistic pride. Prof. V.K. Singh, Dy. Director / Dean Academics, all Heads of Department also witnessed the function along with other faculty and staff members. The event was co-ordinated by Sh. K.K. Sharma, Administrator of RKGEC. The occasion concluded with the distribution of sweets.

Himanshu Tripathi, Co-ordinator, News & Views

Raj Kumar Goel Institute of Technology For Women

RKGITW celebrated 67th Independence Day, quintessence of fortitude, courage and nationalism, with great zeal and plume. Prof. B.K.Gupta, Advisor, RKG Group of Institutions hoisted the tricolour and offered nesegay with his words in the feet of sung and unsung Heroes of the battleground of freedom. Dr. Neeta Awasathy, Director reminded that we should not be moved by political & chauvinistic ideas. She filled up the whole atmosphere with the immense feeling of patriotism by sharing valuable historical facts which rarely people know. A quiz was conducted for the students. Sh. Akshay Goel, son of Chairman, RKG Group of Institutions, Sh. Dinesh Kumar Goel ji, represented his father on this occasion. Director, RKGIT, Dean, RKGIT, Director RKGITW, Proctor, Dean, All the HODs, Members of Faculty & Staff and the students saluted the National Flag and sang the National Anthem. The event culminated by distribution of sweets.

Raj Kumar Goel Institute of Technology

The 67th Independence Day at RKGIT was celebrated with full colors. The function was presided by Prof. B.K. Gupta, Advisor. He congratulated all on this occasion and advised all to work for excellence in academics. Prof. Somashekar, Director highlighted the importance of 15th August and the sacrifices made by our war hero’s. MCA and B.Tech Students presented patriotic and national songs which charged the atmosphere. Sweets were distributed to all.

Prof. S.C. Gupta, Director Academics

ORIENTATION PROGRAM

Raj Kumar Goel Engineering College

One day orientation program was organized at RKGEC Pitkhuwa on 16th August 2013 to welcome the new entrants of B. Tech. course. The objective of the orientation program was to bridge the gap between students and faculty members. Director of R.K.G.E.C., Prof. Ashish Soti shared his valuable thoughts. Dr. Soti shared the skills of time management, learning strategies, and discipline. The Deputy Director and Dean Academics, Prof. V.K. Singh facilitated the information on academics and wished for the bright future of the students. Dr. Ajay Chauhan (DSW & Head ECE/EN Deptt.), Dr. Anand Tyagi (First Year coordinator & Head Applied Science Deptt.), Dr. Ajit Yadav (Head, CSE Deptt.) and faculty members guided and motivated the first year students on the occasion. At the end of the function the refreshments were served to the students. The program was co-ordinated by Dr. Amrita Mehrwal (Applied Science Deptt.).

Himanshu Tripathi, Co-ordinator, News & Views
The Name "India" comes from the Indus River where earliest settlers made their homes.

**Raj Kumar Goel Institute of Technology (MCA)**

Students are the wealth of the nation. The present era belongs to IT & the rate of obsolescence of knowledge is very high in IT sector. Therefore a consistent effort by students to innovate, create and disseminate knowledge is the success mantra. Knowledge is one which liberates. The purpose of education is continuous learning throughout life. Students should concentrate on karma rather than fruits of karma. With these motivational lines Two days Orientation Program was organized in MCA department on 12th August & 13th August 2013. Dr Kavita Saxena, Principal MCA in her motivating welcome address said that the environment is witnessing tectonic changes which have led to plethora of challenges for the students in future. Therefore students should sharpen their skills, competencies and business acumen to be successful in all their future endeavors. Dr Kavita Saxena also stressed on the need of updating the knowledge by making use of the well-furnished library of the institute and the excellent Internet facility. Ms. Charu Sharma (1 year Coordinator of MCA & Convener of the Program) gave the outline of the entire MCA programme structure to the freshers and encouraged them to work hard for becoming a successful professional. Other sessions were taken by other faculty members of MCA Department including Ms. Manjeet Rana, Ms. Veena Bharti, Ms. Jolly Upadhyaya, Mr. Alok Singh Chauhan, Mr. Vikrant Gupta, Mr. Akhilesh Latoria , Mr. Pratap Singh Bhati & Mr. Suraj Sinha. The program ended by the motivational skit “Ladkiyon ki Shiksha” performed by the 2nd year students.

Ms. Pooja Pandey, Co-ordinator, News & Views

**Raj Kumar Goel Institute of Technology**

Three days Orientation Programme was organized from 12th August 2013 at RKGIT. Around 500 newly admitted students along with their parents attended the orientation programme on these days. The three days Orientation Programme offered various motivational & information lectures. Orientation Programme started with the welcome speech of Dr DR Somasekhar, Director, RKGIT. He welcomed the gathering and gave a brief Profile of the college. He stressed the importance of character building in the modern world where we are spiritually restive. Prof. S.C. Gupta, Director (Academics), RKGIT welcomed the students and enlightened them with various facts about engineering education and expected them to keep up the standards. Shri HG Garg, Dean (Academics) in his motivational speech said that if an effective goal is being set then the determination to achieve the goal will help to achieve the same in a very short stipulated period. Dr Poonam C Kumar, HOD (AS&H) discussed Rainwater Harvesting and students learned various methods & techniques to collect rain water whereas Dr Vibhuti threw light on entrepreneurship and e-skills. A Bridge Course was introduced this year for the subjects like Maths, Physics & Professional Communication, as a means to bridge the gap in the level of knowledge of the first year students arising due to their different entry level modes into an Engineering College. The programme covered teaching/revision of school portions in the subjects where difficulties are faced frequently by the students. The Orientation Programme for the year 2013, at RKGIT culminated into a successful event under the able guidance of the Convener of this Program, Dr Poonam C Kumar, HOD, Applied Sciences & Humanities & Dr Rashid Ali, 1st Year Coordinator.

Dr Anupam Sharma, Co-ordinator, News & Views

**Raj Kumar Goel Institute of Technology For Women**

Following the guidelines of MTU, Orientation Program was organized on 06 Aug, to 08 Aug 2013 at RKGITW. Various activities were conducted for the students to bridge the gap between the School Life and the College Life. This program was designed in the way which helped to remove the language barrier and accustom them with the environment of the College. Director, Dr Neeta Awasthy welcomed the Students and their Parents and briefed them about the Institute and the achievements. Dean Academics and Coordinator of the Programme, Prof Manorma Sharma briefed them about the rules & regulations, Assessment pattern and curriculum. Proctor, Prof Rakesh Goel acquainted the students with the Anti Ragging Rules and told them about the Helpline. They were mentored on many areas like Communication, Technology, General & Social Awareness, Scope of Engineering, Environment, Energy Crisis, Human Values and self motivation. The Orientation Program acted like a sifter, which removed all the qualities of the students and made them confident. This Program took its shape with sincere efforts of the Co-ordinator of the Programme & Dean Academics, Prof. Manorma Sharma.
Welcome Prof. S. C. Gupta to RKGIT Pariwar

Prof. S.C. Gupta is a reputed professional in the field of Electronics and Communication. He was awarded Ph.D. from Delhi University and completed Post Doctoral Research from University of Hull, England. He was leader of PPC team deputed by Hindustan Aeronautics Ltd. at the plant of Ferrant Ltd (UK) in the year 1980 and 1982. He served in leading industrial Public Sector Undertakings (PSUs) for more than two decades and was Founder Director of Northern India Engineering College (NIEC), IP University, Delhi for 10 years before joining RKGIT as Director (Academics).

He has authored 04 Engineering Books and published 68 Research Papers in National and International Journals/proceedings. He has successfully developed 09 instruments which were commercialized by industry. These are used in India and Europe. He has received various awards for outstanding contribution in optoelectronics and excellence in education.

Raj Kumar Goel Institute of Technology (Mechanical Department)

The workshop started on “AUTOMOTIVE DYNAMICS AND DESIGNING” was organized by “ELITE TECHNO GROUP” in collaboration with “STUDENT FORCE INDIA”. The seven days’ workshop started on 10th of August 2013 and ended successfully on 16th of August 2013 with the esteemed presence of Respected Guest Mr. Rahul and Mr. Kushal, Representative of Elite Techno Group, Dr. D.R. Somashekar, Director, Dr. S.C. Gupta, Director Academics, Sh. H.G. Garg, Dean Academics, Dr. Ravi Shankar Prasad, Prof & Head, Mechanical Engineering Department and Organizing Head, Workshop Coordinator, Mr. Abhinav Bharti & Mr Neeraj Kumar Prasad and student coordinator Mohit Kumar Verma.

The workshop was attended by students from far ends of the nation including participation from NIT Warangal, Annaalaimalai University (Chennai), Delhi Technological University (DTU), Dayanand Sugar Group of Education (DSGE, Bangalore), Lovely Professional University (Jalandhar), BITS Pilani, GLA University (Mathura) and a sound participation from colleges of NCR and vicinity.

Statics of Automobile Engineering. Dynamic Balancing, Designing of Automotive Components were explained and students got hand on experience on different components of a vehicle. Practical working of engine & transmission were explained to all the students in groups. The Workshop underwent the following sessions:

DAY 1: Statics of Automobile Engg: Suspension system, steering, braking system working, by Mr Kushal  
DAY 2: Dynamic Balancing: Dynamically balancing the vehicle components, finite element Analysis (FEA) and emulations on solid work software, by Mr Kushal.  
DAY 3: Engine Design: First the working of engine and practically designing of four stroke SI Bike engine using Ricardo software, by Mr Kushal.  
DAY 4, 5, 6: Automotive Designing: Designing of different components of vehicle like chassis, wheel, rim, crank lever etc. by Mr. Rahul.  
DAY 7: Practical session: Working and designing principle of all components of Baja Car, and test was conducted of 2hrs duration and best three students were given certificates of appreciation by Elite Techno Group by Mr. Rahul.

Student Training Program

Department of Mechanical Engineering organized a student training program on Creo 2.0 by Mr. Sayam Nagpal from 7th June to 5th July 2013. Lots of Technical mantras were demonstrated and inculcated. Hands on approach to designing software were taught to the students. With the use of latest software, vision of always staying ahead were the insights. It was successfully coordinated by Mr. Abhinav Bharti and Ms. Deeptika Pathak, faculty members of mechanical department under the able guidance of Dr. Ravi Shankar Prasad, Hod Mechanical Department. We extend great thanks to our Advisor, Dr. B.K. Gupta and Director, Dr D.R. Somashekar for showing their interest and spending their valuable time in such type of training program.

Workshop Organized

Mechanical Department organized a Workshop on “Reverse Engineering using Laser Beam” by Mr. Ankesh Kashyap, PolyWorks Software India Pvt. Ltd. It was coordinated by Mr. Abhinav Bharti and Ms. Deeptika Pathak.

Faculty Development Program

05 days Faculty Development Program for faculty members of Mechanical Engineering Department on Creo 2.0 of RKG Group of Institutions was organized by Department of mechanical Engg. RKGIT and conducted by Ms. Deeptika Pathak from 8th-12th July 2013. (Creo 2.0 is a 3D modeling software and is a advanced version of ProE Wildfire).

Kanchan Mishra, Co-ordinator, News & Views
Raj Kumar Goel Institute of Technology (MCA Deptt)

Poster Competition

Keeping the development of soft skills of students, MCA department organized a Poster competition on 17 Aug.2013 at departmental level under the guidance of Dr. Kavita Saxena (Principal - MCA) & Ms. Manjeet Ratan (Convener). The theme of the Poster competition was 1. Go Green 2. Festivals 3. Technical

Our Heartiest Congratulations to the winners:
1. Ms. Anjila Goel 1st winner
2. Mr. Ajay Kumar 2nd winner
3. Mr. Ravi Vaghel 3rd winner

Ms. Pooja Pandey, Co-ordinator, News & Views.

Raj Kumar Goel Institute of Technology for Women

One day Workshop on English for Specific Purposes (ESP)

RKGITW witnessed one more academic feat in terms of one day workshop on English for Specific Purposes. This workshop was organized in collaboration with Regional English Language Office, US Embassy, American Centre, New Delhi and ELL@NCR, Greater Noida Chapter on 26 June 2013. This workshop fulfilled the attempt to investigate more ideas and process to inculcate the effective teaching strategies for Technical Communication. This workshop was attended by 40 teachers of Professional Communication of different Engineering Institutes of NCR region. Ms Diane Millar was the Resource Person of this workshop who conducted two sessions of two hours each respectively on Spoken Skills and Writing Skills. The valedictory function showcased the importance of better communication with the enthralling speech of Valedictory Speaker, Mr Navleen Kumar Jaggi, Jt. Ex Senior standing Council and Professor of Law of Delhi University. Dr. Neeta Awasthy, Director welcomed all the delegates and participants and shared her valuable views regarding the topic. Prof B.K.Gupta extended his blessings and good wishes to all Dr Shravan Kumar, Convener shed light on the theme of the Workshop. Ms Harleen Kaur, Organizing Secretary conveyed Vote of Thanks for the Inaugural Session. Prof. Rakesh Goel, Proctor delivered Vote of Thanks for the Valedictory Session. Prof Manorama Sharma, Dean Academics, Ms Reshu Gupta, HOD, EC, Ms Kadambari Agarwal, HOD, CS, Mr KD Sharma, HOD, ME and all the Members of Faculty actively participated in the Workshop. The Workshop was co-ordinated by Dr Shravan Kumar, Asst Professor, Department of Applied Science & Humanities, & Chapter Head, ELL@NCR, Greater Noida- NCR Chapter as the Convener & Ms Harleen Kaur, Asst Professor, Department of Applied Science & Humanities as an Organizing Secretary.

"National UP Education Award - 2013"

We are pleased to inform that we have won the prestigious " National UP Education Award - 2013" for "Upcoming Women Engineering College" on 19th August 2013. The award was handed over by Hon'ble Abhishek Mishra, Minister of Science and Technology, U.P. in August gathering constituting Hon'ble S.S.Manth, Chairman AICTE; Hon'ble Prof. S.K.Kak, VC., Mahamaya Technical University; Mr. Ashwini Kumar, M.D. NIELIT; Mr. Yogesh Kocher, Director Microsoft; Mr. S.N.Rai, Director, LAVA mobiles; Mr. Jagannathan Chelliah, Director, Education and Technology, Texas Instruments; Mr. V.K. Sharma, MD Gujarat Info Petro Limited. Function was attended by Chairman and Directors and established Academicians of U.P. The award was jointly received by Advisor, Dr. B.K.Gupta and Director, Dr. Neeta Awasthy.

Raj Kumar Goel Engineering College

Seminar on 3-D Student Design Challenge 2013

A Seminar was organized at RAJ KUMAR GOEL ENGINEERING COLLEGE, by Arvato India in association with Autodesk to give an overview of 3D Student Design Challenge 2013. It was a national level competition of 2-D and 3-D designing. The challenge was intended to stimulate innovation, creativity, develop technical presentation skills, collaboration and team-building in a 3-D design project. This gave an opportunity to the students to demonstrate their skills and benchmark themselves with peers, and stand a chance to receive attractive cash prizes & certificates, also win a trip to attend Autodesk Panorama to be held at Autodesk University, Las Vegas USA from December 3-5, 2013. This 3-D design challenge was for mechanical and civil engineers. For taking part the students made a team of 3 students. All 3 were of the same stream either of mechanical or of civil. Every team made a project by using a new version of Autodesk.

Himanshu Tripathi, Co-ordinator, News & Views
To protect my nation

I stand by a border...
Protecting my country...
Freezing in cold...
But I need to be bold...

To protect my nation
I chose this because
I respect my nation
Just need to protect my country
because...I love it’s essence
I love my nation...

Abhinav Chaturvedi, EN-II Year

Solution of the Mind Game July issue

The only lockers that remain open are perfect squares (1, 4, 9, 16, etc.) because they are the only numbers divisible by an odd number of whole numbers; every factor other than the number’s square root is paired up with another. Thus, these lockers will be 'charged' an odd number of times, which means they will be left open. All the other numbers are divisible by an even number of factors and will consequently end up closed. So the number of open lockers is the number of perfect squares less than or equal to one thousand. These numbers are one squared, two squared, three squared, four squared, and so on, up to thirty one squared. (Thirty two squared is greater than one thousand, and therefore out of range.) So the answer is thirty one.

Solution given by Dr. Ajit Kr Singh Yadav
(Head CSE/IT/MCA) RKGEI Pilkhua

```c
#include <stdio.h>
#include <conio.h>

#define n 1000
#define m 10

void main()
{
    int a[n];
    int i, j;
    int count = 0;
    clrscr();

    for(i = 0; i < n; i++)
    {
        a[i] = 0;
    }

    for(i = 1; i < n; i++)
    {
        if(a[i] == 0)
        {
            a[i] = 1;
            count = count + 1;
        }
    }

    printf("No. of open lockers = %d\n", count);
    getch();
}
```

We are thankful to you Sir. Your gift is waiting for you at RKITW.
We will invite you on Engineers’ Day for the same.

Puzzle for August issue

The challenge in this puzzle is to place the number cards in the rectangles below so that no two consecutive numbers are next to each other horizontally, vertically, or diagonally. For example, if the 5 is placed in the first left box, then the 4 or 6 can’t be placed in the box directly to the right of the 5 or the two boxes that are diagonally above and below the 5.

Send your answer at newsandviews@rkgitw.edu.in latest by 25 September 2013.

Answer of this Mind Game will be given in the next issue.

RAJ KUMAR GOEL GROUP OF INSTITUTIONS

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Lala Mangat Ram Mahavidyalaya, Ghaziabad
College Code : 502  Ph: 0120-6517164

Raj Kumar Goel Institute of Technology (MBA Institute) Ghaziabad
College Code : 839  Ph: 0120-2788273, 2788409  www.rkgi.edu.in

Raj Kumar Goel Junior High School
Opp. Pura Mahadev Temple, Dist. Bijnor, U.P.

Raj Kumar Goel Girls Degree College
Garhmukteshwar, Ghaziabad Ph: 0571-229331

RKG Chandrakanta College of Mang. & Tech. for Women
Garhmukteshwar, Distt. Ghaziabad

College Code : 401  Ph: 0571-229331  www.rkgc.com

Feel free to suggest at: newsandviews@rkgitw.edu.in

साहे जहाँ से अच्छा हिंदोस्ताँ हमारा...