Commandment from the Founder

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

From the desk of Editor-in-chief...

“Watch your thoughts, they become words; watch your words, they become actions; watch your actions, they become habits; watch your habits, they become character; watch your character, for it becomes your destiny.”

Major five words of this quote are Words, Actions, Thoughts, Character and Habits; thereby making ‘W.A.T.C.H.’

Swami Vivekananda was a great believer of the power of thoughts. He reiterated this in many forums. Thoughts create an aura and vibe around you that are felt by others as positivity and negativity. This thought was later carried forward by Frank Outlaw, Late President of the Bi-Lo Stores, then Gautama Buddha, then Lao-Tzu, the great Chinese philosopher, whose name itself meant ‘an old man’. Later, Mahatma Gandhi and Mother Teresa also conform to the same. Being cautious about the thought process is the key to success.

Merging this process the input is thought and output your self being, which can be summarised as: As we think, so we turn out to be.

I wish all the readers very best for new year 2014. I hereby, call upon all to make a new year resolution to keep a watch on the thoughts.

Dr Neeta Awasthy, Director, RKGIT for Women

From the desk of Editor-in-chief...

“WISH YOU A VERY HAPPY AND PROSPEROUS NEW YEAR-2014”

There is a saying “Bache Man Ke Sache”. The biggest challenge is how to retain these children and protect from the pollution. One side it is a global exposure to the students access to unlimited knowledge and culture. This has seriously affected the Indian culture, value and ethics. It is very unfortunate all our rich culture and practices are being welcomed by the western countries but what is that we are doing? The need of the our is to provide a value education for the young youths. Good luck for all the budding engineers. Long life to news and views of RKG Group of Institutions.

Dr D R Somashekar, Director, RKGIT

Message from Editor-in-Chief...

The efforts of management, faculty, students and staff of RKG Group for maintaining the culture of togetherness as a family are worth appreciating. It is time to rethink and re-device our strategies for overall progress. Every individual has an important role in the family. Working as per role requirement in the family helps all of us to be prosperous and happy. Some of the areas for improvement for us are: better employability of our students, stress-free and delightful working culture, mutual respect and belongingness and dedicated efforts to set new benchmarks of performance. I hope the coming new year 2014 will increase the synergy of RKG family. Wish you all a year full of achievements and best of performances.

Dr Ashish Soti, Director, RKGEC

“We owe a lot to the Indians, who taught us how to count, without which no worthwhile scientific discovery could have been made!” — by Albert Einstein
284 members of the Constituent Assembly (which included 15 women) signed the hand-written documents on January 24, 1950 and it came into force on January 26 the same year.

RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY

INSPIRE PROGRAMME

The First day of INSPIRE internship science camp, INSPIRE-2014 commenced with the inauguration, done by Dr. P. B. Sharma, VC, Delhi Technological University, Delhi, followed by the worthy lecture of Dr. S.C.S. Rao, Professor of mathematics, IIT Delhi. The Second Session was taken by the eminent speakers Dr. Mrinal K Ghose, Professor in Department of Bio Technology, West Bengal University of Technology, Kolkata.

The first day of the camp finally concluded with the Lecture of Dr. Archan S Majumdar, Professor at Bose Institute, Kolkata. He discussed the principals of Quantum core computing principals & formation of atomic and Quantum clock.

The Second day started by Dr. Ashish Agarwal, Scientist at NPL New Delhi. He discussed about Atomic Clock and students got benefited from this talk. In the second session Dr. Alok Chandra Bharti, Scientist in Division of Molecular Oncology, ICMR Noida elaborated the students about cancer biology. The third session was taken by the eminent speakers Dr. Sandeep Kumar, Professor at RRI Banglore. The students gained knowledge about Liquid Crystals in different devices.

The third day of INSPIRE 2014 opened by Dr. Enakshi Khullar, Professor in Department of Electronics Science, University of Delhi who discussed about photonics with students. In the second session, Dr. R.Bhattacharya, Scientist in NPL, New Delhi, broaden the view of students about Physics. The eminent speaker for third session was Dr. Tokeer Ahmad, Assistant Professor in Department of Chemistry, Jamia Milia Islamia, New Delhi who shared his views on Nanotechnology.

The fourth day began with Dr. Debajyoti Sarangi, Project Manager and Senior Research Scientist at SERIS Singapore. He shared his views about properties and working of crystalline silicon wafer for application in solar cells. In the second session Dr. Hukum Singh, Professor of Mathematics, Head (Division of Educational Kits) and Dean (Academics) NIE, NCERT, elaborated the knowledge of students about Indian contributions in science and paid emphasis on learning by doing. The day ended with the discussion of our another renowned speaker Dr.V.K.Panchal, Scientist 'G', Associate Director in DRDO, New Delhi who enhanced the knowledge of students in Satellite Remote Sensing and Robotics.

The Fifth and the last day of INSPIRE-2014 started with the session of Dr. V.N. Mani, Scientist-E (Additional Director) at Centre for Material for Electronics Technology (C-MET), Department of Information Technology, Govt of India, Hyderabad. The students got to know about Advance Electronics Material from his worthy discussion.

The Inspire 2014 finally concluded with the worthy discussion of Dr. Akhil C Banerjee, Scientist in NII, New Delhi. He made the students aware by discussing about role of microbiology in causing disease and their cure.

Besides, every day students visited laboratories like CS, EN, workshop & Pharmacy. Every evening inspirational & motivational movies were shown for building up positive attitude towards life. Also GOBAR GAS plant was introduced to them by Mr. Dharmendra Kumar.

Dr. R.K. Gupta, Co-ordinator INSPIRE, RKGIT
RAJ KUMAR GOEL ENGINEERING COLLEGE, PILKHUWA

INSPIRE PROGRAMME

RKGEC has organized a five days INSPIRE (Innovation in Science Pursuit for Inspired Research) Camp in collaboration with Department of Science and Technology (DST, Govt. of India) from 20 January 2014 to 24 January 2014. The camp was organised for science stream students of intermediate standard from various states of our country. The basic objective of INSPIRE is to communicate to the youth of the country the excitements of creative pursuit of science, attract talent to the study of science at an early age and thus build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base. The Programme was inaugurated by Hon’ble Dr. R.K.Khandal, Vice Chancellor, UPTU along with Dr. A. Mukhopadhyay, Advisor DST, Govt of India with Hon’ble Dinesh Kumar Goel, Chairman, RKG group of Institutions, Prof. B.K.Gupta, Advisor, RKG group of Institutions, Prof. Laxman Prasad, Director of R&D, RKG group of Institutions and Dr. Ashish Soti, Director, RKGEC. The whole five day programme was successfully carried out by all faculty and staff members under supervision of INSPIRE Co-ordinator Prof Ajeet Kr. Singh Yadav, DSW, RKGEC. During five days, eminent speakers across the country and outside the country working in different science domains delivered their lectures to the students on different topics of science. The speakers of this event were Dr. Archan S. Majumdar, S.N. Bose Institute, Kolkata, Dr. S. Chandra Sekhara Rao, IIT, Delhi, Dr. R. Bhattacharya, NPL, New Delhi, Dr. V.K. Panchal, DRDO, New Delhi, Dr. Anurag Sharma, IIT, Delhi, Dr. S.B. Singh, G.B.Pant University, Pant Nagar, Dr. Trilochan Singh, WIIHG, Dehradun, Dr. Karmeshu, JNU, Delhi, Dr. Mrinal K. Ghosh, Asian Development Bank, Vietnam, Dr. Hukum Singh, NCERT, New Delhi, Dr. D.K. Lobiyal, JNU, Delhi, Dr. Deba Jyoti Sarangi, National Singapore University, Singapore, Dr. A.K. Singhal, DRDO New Delhi, Dr. J.S. Yadav, CSIR, Hyderabad and Dr. Alok Chandra Bharti, ICMR, Noida

During the whole programme students listened the lectures very enthusiastically and actively interacted with different mentors and shared their experience.

The programme ended on 24 January 2014 with a valedictory session with Dr. Asok De, Director, NIT, Patna as chief guest. The session ended with inspirational speeches of Prof. De and various other dignitaries and distribution of certificates to all participated students.

Dr Ajit Kumar Singh Yadav, Co-ordinator INSPIRE, RKGEC
RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY FOR WOMEN
INSPIRE PROGRAMME

INSPIRE, a five days residential camp was organized from 21 January 2014 to 24 January 2014. As per the criteria of DST 168 students were shortlisted from 18 schools of various boards for RKGIT for Women. Hon’ble VC, DTU, Prof. P B Sharma inaugurated this 5 days residential Camp on 20 January 2014 at RKGIT Premises, as this programme was a joint venture of the entire RKG Group in which 500 students gained knowledge at three campus. Renowned personalities from DST, IITs, NPL, DU etc were requested to bridge the theoretical & practical knowledge of the students of XI & XII standard by taking lectures.

The programme was designed in the pattern of three lectures by Mentors in a day, beginning from 9:45 am and one practical session & motivational lectures in the evening till 7:30 pm. On the first day i.e. 20th January, Dr V K Gupta, IIT Roorkee delivered the first lecture on Waste Water Treatment. The second lecture was taken by Dr S C S Rao, IIT Delhi on Mathematics. The third lecture of the day was taken by Dr J S Yadav, CSIR Hyderabad on Organic Chemistry.

On the second day i.e. 21 January, the students were enlightened by Dr Debajyoti Sarangi, NSU Singapore on the topic Crystalline silicon water solar cell and Dr Trilochan Singh, WIIH, New Delhi enthralled the students by Geology and on the very same day he offered himself for motivational lecture in the evening and lecture was full of interaction till 07:45 PM and the third lecture was delivered by Dr Ashish Agrawal, NPL, New Delhi who talked about Atomic Clock.

On the third day i.e. 22 January, Dr Tokeer Ahmed, JMI, New Delhi shed his views on Chemistry and the second lecture was taken by Dr Hukum Singh who emphasized the learning of mathematics by the principle of Learning by doing. The third lecture by Dr Neeraj Khare, IIT Delhi on Superconductors enchanted the students.

The fourth day i.e. 23 January sprouted with the feeling of patriotism of the students when it was started by the celebration of Birthday of Netaji Subhash Chandra Bose and 150th tithi of Swami Vivekanand. The students were guided by Dr R Bhattacharya, NPL New Delhi, on Plasmonics and Nano Sciences & Prof Karmeshu, JNU New Delhi on Modelling and Simulation. The third lecture of the day by Dr Vireeta Bal was on Infections, illness and survival. In the evening, students enjoyed camp fire blended with the zest of patriotism with rhythmic poems and Moongfali and Ghazak along with Director, RKGIT for Women, Dr Neeta Awasthy, Co-ordinator INSPIRE, Dr Manorama Sharma and members of team INSPIRE.

On the 5 days Dr Akhil C Banerji, NIT New Delhi, delivered a lecture on Role of pathogens in causing diseases & Dr D K Lobiyal, JNU, New Delhi on NLP. At the culmination of this academic and inspiring event, Honorable Vice Chancellor, Indira Gandhi Technical Women University, Dr Nupur Prakash enlightened the students about their career in the field of Science & Technology. Senior Scientist-D, DST, Dr Pramod Kumar made the students aware about the proceedings and schemes of DST.

Experiments in Physics, Electrical, Electronics and Mechanics labs were performed by the students under the guidance of trained teachers.

The sessions were made interactive and beneficial for students. The students were provided a Kit which contained a Bag, writing Pad, One Dictionary, The Monk who sold his Ferrari etc and a stationery Kit.

Prof. Manorma Sharma, Co-ordinator INSPIRE, RKGITW
The 65th Republic Day was celebrated with great zeal and enthusiasm. The whole Institute premises were decorated with beautiful flowers and flags. The program initiated with a patriotic note. Prof. B.K. Gupta, Advisor, RKG Group of Institutions hoisted the National Flag and congratulated all present over there and said that we all together can mark a tremendous change in the society. Dr Neeta Awasthy, Director, RKGIT for Women motivated the students to gain knowledge in a conditioned environment and made everybody take the pledge to devote themselves in the service of the nation. Dr S.C. Gupta, Director Academics, RKGIT, Dr H.G. Garg, Dean Academics, RKGIT, all the HODs, Members of Faculty & Staff and the students evidenced the ceremony. After this everyone sang the National Anthem with the feeling of nationalism. The slogan of Jai Hind was repeatedly spoken by all in one voice. The program culminated by the distribution of sweets.

Dr S C Gupta, Director Academics

The RKGEC campus witnessed 65th Republic day celebration on 26 January 2014 with bloomed hearts with pride and patriotism. The cold morning was made warm and energetic by activities of celebration. The event was graced by chief guest Dr. Laxman Prasad (Director R&D, RKG group of Institutions). The chief guest unfolded our tri-color flag with Director RKGEC, Prof. Asish Soti and thereby infused the spirit of nationalism and patriotism at the RKGEC campus. The celebration proceeded with the enthusiastic speech of Director R&D, RKG Group of Institutions, Dr Laxman Prasad or followed with the motivational speech of Director Sir. Students as well as faculty felt glorified in singing Vande Mataram and National Anthem. On this occasion RKGEC family paid sincere tribute to those who sacrificed their life for the welfare of the nation.

Mr Himanshu Tripathi, Co-ordinator, RKGEC
Solution of the December Issue puzzle

The breakup of the coins: First son = 624 coins, Second son = 499 coins, Third son = 399 coins, Fourth son = 319 coins, Fifth son = 255 coins, Daughters = 204 each, Manager = 5 coins

The winner of the December issue is:
Mr. Vijay Kumar Agarwal, AP, RKGIT for Women

Winner of the October Issue's Puzzle

Mr. Lokesh Kumar Gupta with Director, RKGIT for Women & Editorial Board

Editor's Note

RKGIT for Women created a history by enthralling continuously 33 days in the month of January 2014...

How?
To settle down this query, Wait for the Upcoming issue of February 2014.