



Octane Contours

(Newsletter of Rajiv Gandhi Institute of Petroleum Technology, Rae Bareilly)

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December, 2012

From the Director's Desk



Two thousand twelve has been a great year for RG IPT. Its footprint has increased internationally with two joint projects (Taiwan-India and Korea-India) being approved; student exchange finalized with 2 from France to spend Summer, 2013 at RG IPT and 2 from RG IPT to spend a semester at IIT Kanpur; students' work winning applause and awards in international conferences in The Netherlands, and at Abu Dhabi while 4 students have been invited to a conference in Beijing in 2013; faculty being invited to Germany and Director getting award at Texas A&M University (TAMU), USA; and MoUs with Univ. of Houston and TAMU being put into operation. A project for US \$ 250,000/- has been submitted jointly with TAMU under Obama-Singh initiative. Several research projects have been approved by DST. Institute boasts of the best laboratories in academics in India in

Geoinformatics and in Petroleum Exploration and Prospecting. Our participation at the Petrotech-2012 Conference and Exhibition (13 papers, one student paper adjudged best in its category, two technical sessions chaired, and large display on RG IPT in Exhibition) has been applauded by well wishers. The number of prominent speakers whose visits and interactions at Rae Bareilly campus motivate our students and faculty has been increasing. Reports from employers of our students significantly outperforming others have gladdened the hearts of our hard working faculty and staff. They will work harder still.

We invite all readers of this issue to actively participate in RG IPT activities so that it fulfills its mission with greater zeal and enthusiasm.

J. P. Gupta
Director, RG IPT

International Activities

Visit of Taiwanese Research Collaborators to RG IPT

RG IPT, Rae Bareilly is jointly working with the Department of Mechanical Engg., Kun Shan University, Taiwan on 'Development of Phase Change Materials for Thermal Energy Storage Applications' project. As part of the project, Prof. C. R. Chen, Associate Prof., Kun Shan University, Taiwan and his Ph. D. student Mr. Tsung Nan Wu visited RG IPT in the month of July 2012.

The major objectives of their visits were:

- Identification and development of advanced storage materials based on Phase Change Materials (PCMs) Technology, and
- Measurement of the thermo-physical properties of identified and developed PCMs.



From left to right : Prof. C. R. Chen, Prof. J. P. Gupta & Mr. Tsung Nan Wu

The visit resulted in substantial progress in the research project. The research work was further enhanced with a follow up visit to Taiwan by the RG IPT faculty members- Dr. Atul Sharma and Dr. Amritanshu Shukla in December 2012.

Paper Co-authored by RG IPT Students Wins First Prize



A paper on "Protection of offshore operations from cyber-threats by improved SCADA security" co-authored by Mr. Anne Vijay (B. Tech. Chemical Engg.) and Mr. Vaisakh S. Unni (RG IPT Alumnus) has been selected as the best paper and the authors have been awarded the first prize in the student paper program of "Offshore Middle East 2013" to be presented on Monday, 21st January, 2013 at the Qatar National Convention Center, Doha, Qatar in the LNG/Gas Operations Session. Their paper will also be displayed in the Session Area in the Exhibition Hall and they will have an opportunity to speak to the exhibitors and delegates.



Trevor Kletz Merit Award to RGIPT's Director

Dr. J. P. Gupta, Director, RGIPT, Rae Bareilly has been awarded with "Trevor Kletz Merit Award" at the 15th Annual International Symposium on Process Safety by Mary Kay O'Connor Process Safety Center, Texas A&M University, USA. This is the most prestigious academic award in process safety globally and it recognizes an individual who has made significant contributions to the advancement of education, research, or service activities related to process safety concepts or technologies.

Dr. Gupta has also been appointed as an Adjunct Prof. in Texas A&M University's Artie McFerrin Department of Chemical Engg. and the Mary Kay O'Connor Process Safety Center. This is a rare honour for a foreign faculty member.

Participation in Indo-German Symposium

Dr. Atul Sharma (Asst. Prof., Alternative Energy) participated in the 4th Indo-German Frontiers of Engg. Symposium held at Halle-Merseburg, Germany from 13th-16th June, 2012. During the symposium, Dr. Sharma presented a paper on "Development of Phase Change Materials (PCMs) for Building Applications".

RGIPT Student Shines Internationally



The students of RGIPT are making name for the institute at national and international fora. RGIPT student Mr. Abhishek Sarmah (B. Tech., Petroleum Engg.) participated in the "Abu Dhabi International Petroleum Exhibition and Conference- 2012" held from 11-14 Nov., 2012. His team consisting of participants from several institutions was assigned to work on the topic "Effects of global economic crisis on oil and gas industry". The team worked extremely hard and brought innovative ideas before the jury. After assessing the works of 11 such teams with 88 student participants from numerous countries, his team emerged as distinguished and the best amongst all the participating teams and was crowned as the winner.

RGIPT Students Selected for IPTC Education Week

Four students of B. Tech. have been selected to participate in the 6th International Petroleum Technology Conference Education Week scheduled to be held from 24th to 28th March, 2013, in Beijing, China. They will present their papers at the conference. These students are: Mr. Ankit Rajdeep, Mr. Apoorva Mittal, Mr. Dinesh Soni and Mr. Gulshan Kumar.

SPE Intelligent Energy International-2012

RGIPT students participated in the 'SPE Intelligent Energy International- 2012' at Jaarbeurs, Utrecht, The Netherlands in 2012 to present their papers. Mr. Anney Vijay (B. Tech. Chemical Engg.) presented a paper on "Protection of petroleum industry from hackers by monitoring and controlling SCADA system" co-authored by Mr. Vaisakh S. Unni. Another paper was presented by Mr. Varun Yadav on "Evaluating the performance of intelligent completions" co-authored by Ms. Neha Surya.

Lectures at RGIPT, Rae Bareilly

Inauguration of New Academic Session 2012-13



Prof. M. Anandkrishnan, Chairman, BOG of IIT Kanpur, inaugurated the new academic session 2012-13 at RGIPT, Rae Bareilly on Monday, August 6, 2012. While addressing the students and faculty of RGIPT, Prof. Anandkrishnan said that our country has high hopes from the youth. At the same time, the young students also have a lot of expectations from RGIPT in helping them achieve their goals for a bright future. He advised the students that they should optimally use the resources provided by the institute in order to achieve the desired destination in life. They should work towards enhancing their abilities and skills. Prof. Anandkrishnan highlighted the importance of the four years to be spent in RGIPT for the future 40-50 years of their life.

MBA Programme Inaugurated at Noida

The fifth batch of MBA in Petroleum and Energy Management was inaugurated on 3rd Sep., 2012 at Noida by Dr. A. H. Kalro (Member, RGIPT BoG & Provost, Ahmedabad University). Earlier the MBA programme was offered at Rae Bareilly but it has now been relocated to Noida to enhance opportunities for collaboration with industry and provide industrial exposure to students.



From left to right : Shri S. Krishnan with Prof. J. P. Gupta

Lecture on Regulatory Framework in Petroleum and Natural Gas Sector

A lecture on the above topic was delivered by Shri S. Krishnan (IAS Retd.), Chairman, Petroleum & Natural Gas Regulatory Board, MoPNG at RGPT on Friday, November 2, 2012. Interacting with the students and faculty of RGPT, Shri Krishnan said, the main objectives of the regulations are to protect the interests of consumers and the entities engaged in this vital industry.

Lecture on Nanotechnology

A lecture on the scope and future of nanotechnology was delivered by Prof. Ashutosh Sharma, Institute Chair Professor, IIT Kanpur on Monday, August 27, 2012. Prof. Sharma said that nanoscience is not limited to technology but it is a versatile area that affects our day to day life through simplifying the products and services. He further said today nanotechnology is used in the areas of pharmaceuticals and medical products, energy generation and storage, chemical industry, electronics and computing, etc.



From left to right : Prof. J. P. Gupta with Prof. Ashutosh Sharma.

Lecture on Personality Development

A lecture on 'Personality Development' was delivered by Dr. Suchitra Mathur, Asst. Prof., Department of Humanities and Social Sciences, IIT Kanpur on 6th October, 2012 at RGPT. It was organized for B. Tech. 3rd year students. Dr. Mathur explained the basics of Group Discussion and the way students should put their points before group members to mark their presence. She also talked the ways students should use to prepare his/ her resume.

Lecture on Code of Conduct for Engineers

A lecture on "Making of professional engineer: Tools for thinking and code of conduct" was delivered by Dr. Raj P. Chhabra, Professor, Department of Chemical Engg., IIT Kanpur on November 3, 2012. The students were very influenced by the presentation.

Lecture on Indigenous Technology

A lecture on "Indigenous Technology in a Globalized World" was delivered by Dr. Deshdeep Sahdev, Professor, Department of Physics, IIT Kanpur on 28th September, 2012. He has helped to develop several sophisticated instruments in India.

Lecture on Microfinance

A lecture on "Microfinance" was delivered by Shri David Varun Kumar Thomas, Scholar-in-residence, IIT Kanpur on 18th September, 2012. Shri Thomas is a Founder of 'Indian Nirman Sangh' and Advisor of 'Gandhigram Trust'.

National Activities

RGPT participates in "Petrotech-2012"

RGPT participated in the international conference cum exhibition 'Petrotech-2012' in New Delhi from 14th-17th October, 2012 and put up a stall to showcase the academic programmes being offered, to explore the R&D opportunities for collaboration with industries and to attract students and professionals to join the RGPT family.

RGPT students and faculty made an impressive presence in the conference with 13 papers. The paper "Information revolution: Cyber security for critical infrastructure in energy sector", presented by Mr. Anney Vijay (B. Tech., Chemical Engg.) was adjudged one of the eight best papers in the Petrotech-2012. Also, Dr. J. P. Gupta, Director, RGPT chaired two sessions at the Petrotech conference.



Visitors at RGPT Stall



Conferences/Workshops

- **Dr. U. D. Dwivedi** (Asst. Prof., Electrical Engg.) participated in Council of Scientific & Industrial Research and Ministry of New and Renewable Energy sponsored seminar on 'Computational Intelligence Applications to Renewable Energy (CIARE) 2012' at IIT Mandi, from 9th-13th July, 2012 and delivered lectures on "Applications of computational intelligence in smart power quality monitoring and analysis", "Signal processing based high performance islanding detection scheme for grid connected Photo Voltaic Systems" and "A wavelet based Pulse Width Modulation (PWM) scheme for DC-to-AC power electronics converters".
- **Dr. A. K. Choubey** (Asst. Prof., Chemistry) and **Dr. Amit Ranjan** (Asst. Prof., Chemical Engg.) participated in the international conference on "Natural Gas Hydrates- Exploration and Production", organized by Department of Ocean Engg., IIT Madras in Chennai from 7th-9th August, 2012.
- **Dr. Satish Kumar Sinha** was invited to give a talk in an International Workshop on Exploration and Exploitation of Shale Gas (Dec. 19-20, 2012) organized by SPG, Hyderabad Chapter under the aegis of SPG, India and NGRI, Hyderabad. Dr. Sinha talked on "Micro seismic monitoring of Shale Gas" field development with examples from Barnett Shale. He also emphasized the need of including micro seismic data acquisition as a part of policy framework in shale gas development in India.

RGIPT faculty participates in research work on Gas Hydrate Exploration

Dr. S. K. Sinha (Asst. Prof., Geophysics) visited National Geophysical Research Institute, Hyderabad and spent seven weeks during the summer, 2012 to work on gas hydrate exploration. Dr. Sinha worked on the seismic data acquired from offshore KG basin where the wells have been drilled. He utilized his spectral decomposition method based on wavelet transform to understand existence of free gas below the gas hydrate stability zone.

Student Exchange

- Two students from Ecole des Mines, Ales, France will spend three months during Summer 2013 working with Director Dr. J. P. Gupta on Environment and Safety related to Oil and Gas Industry.
- Two Ph.D. students of RGIPT will study at IIT Kanpur during 2012-13/ 2nd Semester (January-April 2013) to take advance courses in Chemistry and Electrical Engineering.

Research Projects Approved

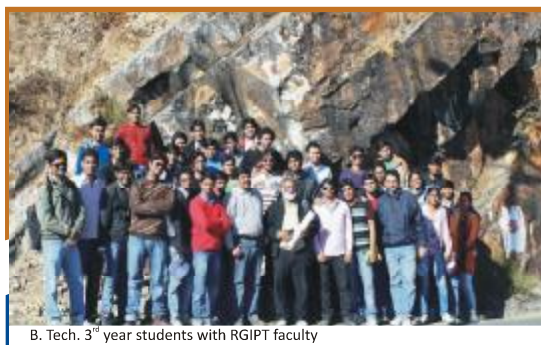
- Department of Science & Technology (DST), Government of India has approved a project "Development of New Polymeric Materials with Potential Application in Petroleum Engg.". Dr. U. Ojha is the Principal Investigator and Dr. Amit Ranjan is the Co-PI. The duration of the project is three years with a budget estimate of Rs. 28 Lakh.
- DST, Govt. of India and Republic of Korea has approved a project "New Nanoporous Material for Natural Gas Storage Application". Dr. M. S. Balathanigaimani (Asst. Prof., Chemical Engg.) is the Principal Investigator and Dr. U. Ojha (Asst. Prof., Chemistry) is Co-PI. Their Korean counterpart will be Dr. Hee Moon, Prof., Chonnam National University Gwangju. The project is for three years duration with a budget estimate of Rs 27 Lakh.
- DST has approved a project "Pyrolysis of biomass for the production of bio-oil: Experimental & computational study" under DST Fast Track Scheme for Young Scientists. Dr. J. P. Chakraborty (Asst. Prof., Chemical Engg.) is the Principal Investigator of the project. The project is for three years duration with a budget estimate of Rs 20 Lakh.
- University Grant Commission has approved a project "A study on career breaks, re-entry challenges and impact on earning capacity of working women". Dr. Jaya Srivastava (Asst. Prof., Management Studies) is the Principal Investigator of project. The project is for two years duration with a budget estimate of Rs 4.7 Lakh.

Students' Development Programmes

- A lecture on '**What Corporate Wants?**' was delivered by Col. Sanjeev Sahai, Synergy Learning Systems Pvt. Limited, Lucknow on 14th September, 2012 for the final year B. Tech. and M. Tech. students. Col. Sahai said, in today's corporate world, HR and technical teams not only look subject matter knowledge of students but they also assess candidates' communication skill, attitude, way of presentation and approach to solve any problem, before selecting them for an organization.
- RG IPT Placement Cell conducted **Mock-Interview for B. Tech. final year students** on 6th-7th October, 2012. It was organized with the objectives to assess the students' subject matter knowledge, logical reasoning and communication and presentation skills. To conduct the Mock-Interview, four groups were formed with faculty members of RG IPT and external experts. The groups were-GD, HR, Basic Sciences, Petroleum/ Chemical Engg.
- An **Entrepreneurship Awareness Programme** was organized at RG IPT for the final year students of B. Tech. and M. Tech. on September 22, 2012. It was organized with the support of Malaviya Centre for Innovation, Incubation & Entrepreneurship, IIT BHU, Varanasi. The prime objective of the programme was to expose students to entrepreneurship as an alternative career in oil and gas sector. Topics discussed included-Scope of entrepreneurship in India and present scenario, Identification of opportunities for entrepreneurs, Challenges and opportunities for Indian managers in post liberalization era, Success stories of first generation entrepreneurship, etc. with students.
- RG IPT student chapter of Petrotech, organized a **Quiz Programme "Brain Bowl-2012"** on 31st August, 2012. It was started with a preliminary round, in which general questions were asked. In the final round, four teams were formed with each team consisting of 4 members. This round saw very tough competition between teams and finally the jury adjudged- Mr. Dheeraj Kumar (B. Tech. 4th year), Mr. Sushant Roshan (B. Tech. 3rd year), Mr. Rash Bihari Lal (B. Tech. 2nd year) and Mr. Rahul (B. Tech. 1st year) as "Quiz Gurus".
- RG IPT Student Chapter of SPE is another professional body of students, which promotes science and energy knowledge among college going students. To bring creative and innovative ideas before the energy industry, student chapter of SPE organized a **Poster Presentation Competition "Tech-Galleria 2012"** at RG IPT, Rae Bareli. There was a huge participation of students to showcase their colorful ideas. Finally, jury adjudged three teams as the best and awarded them with certificates and cash prize. The winners were:
First Prize : Mr. Vaibhav Sharma, Mr. Kumar Vaibhav and Mr. Anurag Kumar Sinha
Second Prize : Mr. Kshitij Saini, Mr. S. Manikumar Reddy and Mr. Sumit Bhatti
Third Prize : Ms. Vasundhara, Ms. D. Sreelekha and Ms. Nitika Gupta
- Dr. Satish Kumar Sinha (Asst. Prof., Geophysics) and Dr. Alok Kumar Singh (Asst. Prof., Geology) took the 3rd year B. Tech. Petroleum Engg. students for a geological field trip to Dehradun area. They were assisted by Dr. R. J. Azmi, a renowned geoscientist retired from Wadia Institute of Himalayan Geology. The trip was planned for 4 days (3rd-6th Dec., 2012) during which they travelled to different places including Musoorie and Rishikesh. Students were shown various sedimentary rock types of Lesser Himalaya and Upper Shivaliks. They studied various sedimentary structures and also learned how to measure dip and strike of a formation in the field.



Col. Sanjeev Sahai interacting with students



B. Tech. 3rd year students with RG IPT faculty



- RGIPT student chapter of SPE organized an **Intern Talk "KOINONIA"** on 18th-19th August, 2012 to provide a platform to final year students of B. Tech. to share their learning, acquired during Summer Internship with the students of B. Tech. 2nd and 3rd year. Students of B. Tech. 2nd and 3rd year were very enthusiastic to know more about Summer Internship and the way they can utilize this platform to enrich their knowledge.
- RGIPT student chapter of SPE has launched its website with an aim to connect the Chapter to rest of the functioning chapters of SPE globally and the Petroleum Industry at large. This newly launched website can be accessed at - www.spergipt.org.
- **Mr. Udit Kumar Jain and Mr. Praween Kumar (B. Tech. Chemical Engg.)** participated in the 'International Conference on Interface between Chemistry and Environment' during 13th-14th December, 2012 in New Delhi and presented paper on 'Development of novel green catalyst for dry reforming of methane'. It was organized by University of Delhi.
- Four students of B. Tech. Petroleum Engg. participated in the '**International Conference on Drilling Technology 2012**' during 6th-8th Dec., 2012 at IIT Madras, Chennai. It was jointly organized by IIT Madras and Petrotech Society, India. RGIPT students- Mr. Suman Saurabh, Mr. Dinesh Soni and Subham Gupta presented their papers on 'Design and optimization of sucker rod pump' and 'Productivity optimization of gas condensate reservoirs'. Another paper on 'Gas condensate formation and its mitigation for relax drilling' was presented by Mr. Mr. Dinesh Soni and Mr. Govind Khandelwal.

Awards

RGIPT team won several awards at SPE Sub-Regional Meet



From left to right : Suman Saurabh, Ashok Charan, Dinesh Soni & Shubham Gupta

RGIPT's SPE Student Chapter participated in the SPE Sub-Regional Meet at Indian School of Mines, Dhanbad from 9-10 November, 2012. In this programme, competitions like- Case Studies, Paper & Poster Presentation and Quiz were organized. Distinguished professionals from the industries (Shell, OIL, Schlumberger, Weatherford, Cairn and Halliburton) were there as guests and judges.

In a Case Study Competition, organized by Schlumberger on "Field Development Challenge", RGIPT team won the **First Prize**. One judge regarded RGIPT team as exceptional. Mr. Dinesh Soni, Mr. Ashok Charan, Mr. Shubham Gupta and Mr. Suman Saurabh (all B. Tech. 4th year Petroleum Engg. students) were the team members, whereas, in the Cairn Petro-Quiz, RGIPT team won the **Third Prize**.

Silver Medal in Shot-Put: RGIPT student Mr. Neelam Dinesh Reddy (B. Tech., Petroleum Engg.) participated in Udghosh 2012, an annual sports event of IIT Kanpur, and won a silver medal in shot-put. It was organized during September 27-30, 2012 at Kanpur.

Training Programmes

- RGIPT conducted a two-day **short course on "Petroleum Refining Technology"** for in-service managers of refineries on 13th-14th September, 2012, in Digboi Refinery, Assam. The programme was conducted by the faculty members of Department of Chemical Engg. (Dr. M. S. Balathanigaimani, Dr. Rakesh Kumar and Dr. J. P. Chakraborty), RGIPT, Rae Bareilly. In this two day programme, working professionals of Numaligarh Refineries Limited, The Bongaigaon Refinery & Petrochemicals Ltd. and Indian Oil Corporation Limited, Guwahati and Digboi Refineries participated and shared their knowledge and experience with faculty and other participants. During the training, topics like Hydro cracking, FCC, Alkylation, LOBS, Modeling Simulation (Refinery processes & CO₂ capture) and Design of catalyst for Refinery catalytic processes were discussed.



Participants with the Faculty of RGIPT

- **Terrestrial laser scanning** is a state of technique to capture the detail geospatial information for an area and institute has recently procured this sophisticated instrument. Experts from France visited RGIPT and provided training from 18th-20th July, 2012 to a team comprising Dr. Susham Biswas, Dr. Alok Kumar Singh, Shri Harish Kumar Yadav, Shri Saurabh Shukla, Shri Anil Kumar Verma, Shri Ashwini Chauhan and Shri Lokesh Bhatnagar. The instrument and its functionalities will be demonstrated to students also as a part of their training curriculum for surveying. It will also be used for research applications.



From left to right : Anil Verma, Saurabh Shukla, Lokesh Bhatnagar, Susham Biswas, Ashwini Rawat, Ashwini Chauhan & Alok Singh

- RGIPT along with Petrotech Society helped IOCL to organize a 2-day workshop on '**Performance Measurement Indices in Petroleum Industry**' on 20th-21st December, 2012 at IIPM, Gurgaon. Over 70 professionals from oil industry participated in the workshop including two from RGIPT. The workshop was conducted by Prof. M. Sam Mannan, Texas A&M University, USA.



RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

(An Institute of National Importance Established through an Act of Parliament)

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MBA ADMISSIONS NOTICE-2013

The 2-year MBA in Petroleum and Energy Management offered by RGIPT is designed as a career-oriented programme aimed at the Petroleum & Energy sector. The programme is designed to facilitate students in understanding, developing, integrating and applying knowledge of both core and specialized areas of management and their concepts and practices in the domain of the Petroleum & Energy sector. The focus of the MBA programme is to impart extensive training in the various areas of specialization through electives, thereby providing a wide array of career opportunities in energy domain and consulting.

ELIGIBILITY CRITERIA

- The candidates must have minimum 60% in aggregate (55% for SC/ST) in Class 10th & 12th with Mathematics as one of the subjects.
- B. Tech./ B.E. degree (4 years duration course after 10+2 and approved by AICTE) in any branch of Engineering / Technology OR Masters degree in Physics / Chemistry / Mathematics / Geology / Geo-science with 60% marks or C.P.I. of 6.0.
- Qualification either in CAT 2012 / GMAT (After June 2012)/XAT-2013
- Applicants fulfilling the above criteria will be shortlisted based on merit. Selection process comprises of Group Discussion and Personal Interview.

SPONSORED CANDIDATES

Companies can also sponsor their employees for MBA in Petroleum & Energy Management programme those fulfilling above mentioned educational qualification criteria. CAT/GMAT/XAT score is not required for sponsored candidates but must have worked continuously for at least two years in the sponsoring organization. The company should certify this in their letterhead and should confirm that they will continue to pay the salary during the period of study. Sponsored candidates are not entitled for any financial assistance from RGIPT.

HOW TO APPLY

Admission forms can be filled up online on our website www.rgipt.ac.in. Print out of Application Receipt duly signed by the candidate, along with application fee of Rs. 1000/- (non-refundable) and all other necessary documents must be sent by Speed Post/Registered Post/Courier on the following address:

MBA Admission Office
Department of Management Studies
Rajiv Gandhi Institute of Petroleum Technology
2nd Flr, Tower-C, OI DB Bhawan, Sector-73, NOIDA-201301, UP
TeleFax : 0120-2474919, 2472621
E-mail: mba_admissions@rgipt.ac.in

IMPORTANT DATES

Last date for online submission of application
15th March, 2013 (Friday)

Last date of receipt of hard copy of application
22nd March, 2013 (Friday)

For detailed information like - Educational Qualification, Online Application Process, Fee and Documents required, visit-
http://rgipt.ac.in/mba_admission.htm



Industry Luminaries at RGIPT



Industry luminaries with Prof. J. P. Gupta

RGIPT is making all efforts to invite academic luminaries and industry experts on campus to provide opportunities to students and faculty to interact with industry leaders and learn from their experiences. It helps a growing institute to adopt some best practices to develop as a global level institution. It was a matter of great pleasure and honour to host three industry stalwarts- Shri C. V. Singh (Senate member, RGIPT and Ex. GM, Tata Motors, Lucknow), Shri Narendra Kumar (Consultant and Ex. Vice President, Reliance Industries Limited) and Shri Vishnu Agarwal (Entrepreneur) on 22nd July, 2012. During the visit, they also interacted with faculty and shared their experience with them and appreciated the efforts made by RGIPT to develop it as world class

institution. They also visited Jais, Amethi Dist, where the new campus of RGIPT is coming up.

Cultural Fest “Kaltarang-2012” Organized at RGIPT

RGIPT students' cultural team organized its second annual cultural fest 'Kaltarang-2012' on 29th-30th September, 2012. The fest was attended by a huge gathering of around 700 students from several prestigious academic institutions- Feroze Gandhi Institute of Engineering & Technology, National Institute of Pharmaceutical Education & Research, National Institute of Fashion Technology, Footwear Design & Development Institute, Indira Gandhi Rashtriya Uran Akademi, International Institute of Information Technology, Allahabad and IIM Lucknow and the students of RGIPT.

The two-day event witnessed many programmes and contests, with enthusiastic participation from the students. The programmes included cultural songs, debate, plays, painting, fashion designing, poetry recitation, solo and group dances, rock band competition, and fashion show. Sports events like- volleyball, basketball, table tennis, chess, carom, and several cyber-gaming competitions were also organized as part of the fest.



Participant performing song during Kaltarang 2012

New Infrastructure at RGIPT

A chemistry research laboratory has been established by Dr. Umaprasana Ojha and Dr. Debashis Panda for pursuance of their independent and collaborative research. Dr. Ojha, an Organic Chemist with expertise in Polymer Engg. will perform research in the area of synthesis and characterization of novel nano-structured materials with potential application in gas storage, purification and photo-voltaic. Dr. Panda, an Experimental Physical Chemist with expertise in Biophysics & Nano-materials, will carry out research in the area of Bio-Nano materials with profound application in Bio-fuel. The laboratory is fully equipped with basic instruments to deliver quality research.



New Member at RGIPT

DR. DEBASHIS PANDA

Dr. Debashis Panda (Ph. D., IIT Bombay) joined RGIPT as an Asst. Prof. in the Department of Chemical Engg. Dr. Panda has more than 4 years of post doctoral research experience in Cornell University, New York and Waseda University, Tokyo, Japan.

Editorial Board : Dr. Jaya Srivastava, Asst. Prof., Management Studies, Dr. Debashis Panda, Asst. Prof., Chemical Engg. Jitendra Prasad, Corporate Communication Officer



RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAE BARELI

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