SCIENCE ACADEMY
LECTURE WORKSHOP
on
APPLICATIONS OF BASIC SCIENCES IN ENGINEERING & TECHNOLOGY
MARCH 13-14, 2015
SPONSORED BY
The National Academy of Sciences
Indian Academy of Sciences
Indian National Science Academy
Department of Applied Sciences & Humanities
RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY
Approved by A.I.C.T.E., New Delhi and affiliated to U. P. Technical University, Lucknow - 226021 (U. P.)
5th Km. Stone (Opp. Jain Tube Co. Ltd.) Delhi Meerut Road, Ghaziabad (U.P.)-201003
Contact : Prof. (Dr.) V. K. Singh,
Email : drvinaiksingh@rkgit.edu.in, Web Site: www.rkgit.edu.in
Register at: https://www.rkgit.edu.in/workshop/registration
ABOUT THE SCIENCE ACADEMY

Indian Academy of Sciences, Bangalore, was founded in 1934 by Sir C. V. Raman. Its objectives include promoting the progress in Science, publication of scientific journals and special volumes, recognizing scientific talent, improvement of science education and taking up other issues of concern to the scientific community. Summer Research Fellowships for students and teachers, Refresher Courses for teachers, Lecture Workshops for students and teachers are some programs under Science Education. It collaborates with other academies in some of these.

Indian National Science Academy, New Delhi, founded in 1935, is a premier science Academy in the country. It plays a crucial role in promoting, recognizing and rewarding excellence. Another important task is to publish journals, organize scientific discussions and bring out proceedings and monographs.

The National Academy of Sciences, Allahabad, was founded in 1930. The main objective of the Academy is to provide a national forum for the publication of research work carried out by Indian scientists and provide opportunities for exchange of views among them.

OBJECTIVE OF LECTURE WORKSHOP

The lecture workshop brings together researchers, scientists, teachers and students from various disciplines. The objective is to provide an opportunity to the participants to interact with some experts in basic sciences and discuss the latest applications and emerging trends. It is expected that the lectures and discussions will lead to identifying new issues and to shape future directions for research & innovation. The lectures will be based on conceptual knowledge introduced from UG / PG level to understanding new ideas in Basic Science and their applications in various fields.

ELIGIBILITY FOR PARTICIPATION

Undergraduate / Post Graduate / M. Phil. / Research Scholars and Faculty members having Mathematics or Physics as one of the major subject at UG level

Interested Participants are hereby advised that the registration form may be submitted to the Coordinator on or before March 8, 2015 or you can registered online latest by March 8, 2015. For online registration please visit http://www.rkgit.edu.in

ABOUT RKGIT

RKGIT was established in September 2000, by the Founder Chairman, late Shri Raj Kumar Goel Ji, an industrialist, philanthropist and above all, a great humanist and visionary. Later on three more colleges & second shift in Engineering stream were added in the RKGIT campus. Raj Kumar Goel Institute of Technology is a preferred choice of students because of excellent learning environment, opportunities for development to full potential and ample placement chances.

In addition to B. Tech courses in seven engineering streams, RKGIT (College Code 033) offers MBA program and has a separate college RKGIT (MBA) (College Code 639) also. Further there are two more colleges, RKGIT (MCA) (College Code 033) and RKGIT (Pharmacy) College Code 033). The establishment of four institutes in one campus enriches the learning experience as was recommended by Dr. S. Radhakrishnan Commission in 1949.

The institute provides an atmosphere that ensures academic excellence and a platform to produce the best technical work-force for today’s highly competitive global environment. RKGIT is committed for raising standards of technical and professional education in India. Our objective is to produce the dynamic technocrats & young entrepreneurs for the service of the nation for which we are developing centers of self employments at our premises.

REGISTRATION DETAILS

Participants are requested to send the registration form on or before Mar.08, 2015. The final selection of participants will be informed on Mar.10, 2015. There is NO REGISTRATION FEE. No TA / DA will be given to any of the participants. For online registration please visit http://www.rkgit.edu.in/workshop/registration

CORRESPONDENCE

Prof. (Dr.) V. K. Singh
Programme Coordinator

Raj Kumar Goel Institute of Technology,
Ghaziabad
5th Km. Stone (Opp. Jain Tube Co. Ltd.) Delhi Meerut Road, Ghaziabad (U.P.)-201003
Contact No. 09582945399
E-mail: drvinaaksingh@rkgit.edu.in
http://www.rkgit.edu.in/workshop/registration

MAP
THE PROGRAM
The program consists of eight sessions – four lectures on
each day. Six academicians working in various areas of
Mathematics Physics and Chemistry will interact with the
participants. Each lecture will be of 90 minutes duration,
including discussions. The workshop encapsulates bringing
scientists in various areas of basic sciences, especially
Mathematics on a common platform. It aims at imparting
skills and knowledge to the participants to make them
conversant with some recent research areas and to motivate
them to take up research projects in these. A maximum of one
hundred and fifty faculty members and students from various
Universities / Colleges will be selected for participation in the
workshop.

Resource Persons
Prof. Rajinder Jeet Hans-Gill FNA,FASc, FNASc,FTWAS
Emeritus Professor, CAS in Mathematics,
Punjab University, Chandigarh
(Topic: Coding Theory and its Applications)
Prof. Sudesh Kaur Khanduja FNA,FASc, FNASc
Professor of Mathematics, IISER Mohali, Punjab
(Topic: Fascination of Prime Numbers)
Prof. Manindra Agrawal FNA,FASc, FNASc, FNAE,FTWAS
Department of Computer Science, IIT Kanpur U. P.
(Topic: Computational Number Theory)
Prof. V. K. Gupta FWIF, FNASc
Department of Chemistry, IIT Roorkee
(Topic: Use of Low Cost Adsorbents for Waste-Water Treatment)
Prof. Bani Singh
Professor of Mathematics,
Prof. JIIT, Noida and Ex-Prof. IIT Roorkee
(Topic: Approximation by Wavelets)
Prof. Vijay Gupta
Department of Mathematics NSIT, Dwarka, Delhi
(Topic: Recent Development in Approximation Theory)

ORGANIZING COMMITTEE
Chief Patron
Shri. Dinesh Goel
(Chairman – RKG Group of Institutions)

Patrons
Prof. B. K. Gupta
(Advisor – RKG Group of Institutions)
Prof. Laxman Prasad
(Director RSD – RKG Group of Institutions)

Advisory Committee
Dr. D. R. Somashekar – (Director RKGIT)
Dr. Ashish Soti – (Director RKIOC)
Dr. Rakesh Goel – (Director RKGITW)
Dr. S. C. Gupta – (Director Academic RKGIT)
Dr. Arvind Singh – (Principal - MBA RKGIT)
Dr. Kavita Saxena – (Principal - MCA RKGIT)
Dr. Monika Sachdeva – (Principal – Pharmacy RKGIT)
Mr. H. G. Garg – (Dean Academic – RKGIT)

Convenor
Prof. Rajinder Jeet Hans-Gill
Emeritus Professor and INSA Honorary Scientist,
CAS in Mathematics, Punjab University, Chandigarh

Programme Co-ordinator
Prof. (Or.) V. K. Singh
(Dy. Director / Dean)

Event Management Committee
Dr. S. K. Gaur – CSE
Mr. Pawan Shukla – ECE
Mr. Unesh Kr. Jha – ME
Dr. Navneet Kr. Yadav (AS&H)
Dr. Prag Singhal (AS&H)
Dr. Manoj Mangal (AS&H)
Dr. Ajeet Pal Singh (AS&H)
Dr. Manish Kr. Mishra (AS&H)
Dr. Jitendra Kr. Vats (AS&H)
Mr. Rajeev Kumar (AS&H)

Dr. Poonam C. Kumar (AS&H)
Dr. Pawan Kumar (AS&H)
Dr. Sanjay Singh (AS&H)
Dr. Sanjay Oh (AS&H)
Dr. Vineeta Singh (AS&H)
Dr. Reeta Chauhan (AS&H)
Dr. Garima Garg (AS&H)
Dr. Shalini Gupta (AS&H)
Ms. Vikas Katoch (AS&H)
Ms. Nidika Garg (AS&H)
Registration Form

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MARCH 13-14, 2015

Name: ____________________________
Status (Faculty / Student): ____________
Course (For Students): _______________
Designation / Department (For Faculty): ____________
Qualification & Discipline: __________________________
Institution / Organization: __________________________
Mobile: ___________________________ E-mail: __________________________

Signature of Candidate

Signature Institute Head

No registration fee is chargeable from the participants. IASc will meet the expenses on registration materials, lunch and coffee / tea during sessions. A limited boarding and lodging arrangements will be available in the campus guest house / hostel on prior information. There is no provision of TA / DA for the participants. Filled registration form may be sent either by post or through email latest by March 8, 2015. Total number of registered participants is limited to 150.

Prof. (Dr.) V. K. Singh (Co-ordinator)
Science Academies' Lecture Workshop