



**Science Academies' Refresher Course on
'Recent Trends in Computer Science and Engineering:
Refreshing the Young Minds'
10–22 March 2014**

Sponsored by
**Indian Academy of Sciences, Bangalore
Indian National Science Academy, New Delhi
The National Academy of Sciences, India, Allahabad**

in collaboration with
**Department of Computer Science and Engineering
Guru Nanak Dev Engineering College, Bidar 585 403, Karnataka**

A Science Academies' Refresher Course in 'Recent Trends in Computer Science and Engineering: Refreshing the Young Minds' for college/university teachers/research scholars will be held at Guru Nanak Dev Engineering College, Bidar, Karnataka from 10 to 22 March 2014. The Course is primarily aimed at teachers teaching computer science and engineering at the UG/PG level. The Course will cover the basic and advanced topics of computer, information sciences, and signal processing through lectures and tutorials. College/University teachers having at least a Master's degree in computer science/ECE/EE are eligible to apply. However, preference will be given to computer science.

Topics: Most of the topics in a standard UG/PG level course syllabus will be covered. There will be five modules:

Module 1: Artificial Intelligence and Agent Technology;

Module 2: Advances in Signal Processing, Digital Communication, Pattern Recognition;

Module 3: Data Mining & Data Warehousing;

Module 4: Cloud Computing;

Module 5: Recent Trends.

Resource persons: Professors B. L. Deekshatulu (IDRBT), B. M. Mehtre, (IDRBT), V. U. Reddy (IIT, Hyderabad), Arun Agarwal (University of Hyderabad), S. Bapi Raju (University of Hyderabad), K. V. Kale (BAMU, Aurangabad), G. R. Gangadharan (IDRBT), Dr Atul Negi (University of Hyderabad).

Joint Course Directors: Professors B. L. Deekshatulu (IDRBT) and B. M. Mehtre (IDRBT).

Course Coordinator: Professor Shesharao M. Wanjerkhede.

Interested teachers and a few research scholars who wish to participate should send their applications online to the following link

<http://web-japps.ias.ac.in:8080/Refreshcourse/GNDEC.jsp>

A hard copy of the application through the Head of the institution should also be sent by speed post to: **Professor Shesharao M. Wanjerkhede**, Course Coordinator, Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Bidar 585 403, Karnataka, India. In the case of teacher applicants, hard copy of the application should be forwarded by the Head of the Institution stating that leave will be sanctioned if the applicant is selected for the Course.

For any other query, applicants can send an e-mail to: shesharao@gmail.com.

Selected participants will be intimated by e-mail around **25 January 2014**. They will be paid the actual and fro train fare not exceeding three-tier AC fare. Boarding and lodging in Bidar will be taken care of by the host institution.

Last date for receipt of applications: **15 January 2014**.